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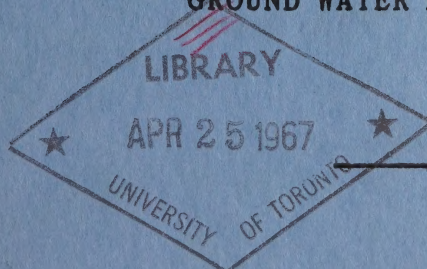
THE  
ONTARIO. WATER RESOURCES  
COMMISSION

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GROUND WATER IN ONTARIO

1959

GROUND WATER BULLETIN NO. 5



1966

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## GROUND WATER BULLETIN 5

### ERRATA

- ge 2 ... Paragraph 1, line 1, read "1956" instead of "1965".
- ge 25 ... Heading, line 4, read "Brant" instead of "Brantford".
- ge 33 ... Heading, line 1, read "Perth" instead of "Peel".
- ge 33 ... Description of Observation Well No. 44, line 6, read "Drilled, test" instead of "used".
- ge 37 ... Description of Observation Well No. 33, line 5, read "Abandoned" instead of "used".
- ge 41 ... Description of Observation Well No. 20, line 3, read "Con. III, W.," instead of "Con. III, H. S. W.,".
- ge 42 ... Durham County, line 4, second column, read "Burketon" instead of "Burketen".
- ge 43 ... Glengarry County, line 1, second column, read, "Maxville" instead of "Moxville".
- ge 43 ... Haldimand County, line 8, second column, read "Canboro" instead of "Conboro".
- ge 44 ... Lanark County, line 5, second column, read "Smith's Falls" instead of "Smith Falls".
- ge 45 ... Middlesex County, line 17, first column, read "Wiwcharuk, N." instead of "Wincharuk".
- ge 46 ... Oxford County, line 7, second column, read "Princeton" instead of "Peinceton".
- ge 46 ... Peterboro County, heading, first column, read "Peterborough" instead of "Peterboro".
- ge 46 ... Peterboro County, line 1, second column, read "Peterborough" instead of "Peterboro".
- ge 46 ... Peterboro County, line 5, second column, read "Peterborough" instead of "Peterboro".
- ge 46 ... Prince Edward County, line 2, second column, read "Bloomfield" instead of "Bloomington".
- ge 46 ... Renfrew County, line 2, first column, read "Marquardt" instead of "Marguardt".
- ge 48 ... Wentworth County, line 2, second column, read "Glanford" instead of "Glenford".
- ge 48 ... York County, line 6, second column, read "Sutton" instead of "Suttan".
- ge 78 ... Mulmer Twp., heading, first column, read "Mulmur" instead of "Mulmer".
- ge 133 ... Harwick Twp, heading, first column, read "Harwich" instead of "Harwick".
- ge 178 ... Charlotteville Twp., heading, first column, read "Charlotteville" instead of "Charlotteville".
- ge 210 ... The material on this page should have appeared on page 211.
- ge 211 ... The material on this page should have appeared on page 210.
- ge 211 ... Fullerton Twp., heading, first column, read "Fullarton" instead of "Fullerton".
- ge 228 ... Adamston, heading, first column, read "Admaston" instead of "Adamston".
- ge 229 ... Brundell Twp., heading, first column, read "Brudenell" instead of "Brundell".
- ge 282 ... Ancastor Twp., heading, first column, read "Ancaster" instead of "Ancastor".
- pendix C ... First page, line 19, last column, read "Egremont" instead of "Agremont".
- pendix C ... First page, line 25, column 5, read "Wellesley" instead of "Wellesly".
- pendix C ... Second page, line 1, second column, read "Bentinck" instead of "Bentick".
- pendix C ... Third page, line 19, column 2, read "Fullarton" instead of "Fullerton".



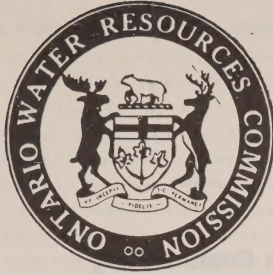


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THE  
ONTARIO WATER RESOURCES  
COMMISSION

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GROUND-WATER BULLETIN 5

GROUND WATER IN ONTARIO,

1959

Prepared under the direction of

K. E. SYMONS  
Director  
Division of Water Resources

B. A. SINGH  
Assistant Supervisor  
Hydrologic Data Branch

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DR. J. A. VANCE  
Chairman

D. S. CAVERLY  
General Manager

801 Bay Street, Toronto 5, Ontario

1966

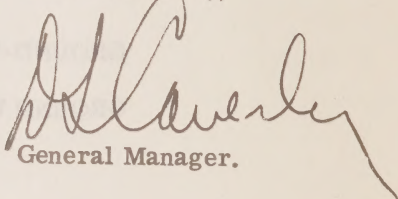


Dr. J. A. Vance,  
Chairman,  
Ontario Water Resources Commission,  
801 Bay Street,  
Toronto 5, Ontario.

Dear Sir:

It is with pleasure that I present to the Ontario  
Water Resources Commission, Ground-Water Bulletin 5. This  
Bulletin covers the year 1959 in the series Ground Water in Ontario.

Yours sincerely,



General Manager.

Ontario Water Resources Commission

Toronto, 1966.



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## GROUND WATER IN ONTARIO, 1959

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### INTRODUCTION

This is the eighth in a series of reports in which basic hydrologic data are assembled on ground-water conditions in Ontario. The previous reports<sup>1</sup> dealt with data collected in the period 1947-1958. This report is a compilation of data assembled during 1959 by the Ontario Water Resources Commission.

The well data are being referred to constantly by individuals interested in ground-water conditions in areas where wells are to be drilled; by drillers who are interested in hydrologic conditions in areas other than where they normally operate; by town planners, engineers, and geologists who are searching for major aquifers to supply municipalities with ground water; and by engineers and geologists who are seeking favourable sites for gravel pits, quarries, and other deposits of economic value. To all of these, the nature, thickness, and hydrologic properties of overburden and bedrock formations must be known. Although well data are now published for the period 1947 to 1959, information on wells drilled in the interval from 1959 to 1965 is available for reference only in the offices of the Division of Water Resources of the Ontario Water Resources Commission.

This bulletin repeats some of the information contained in previous reports. This has been done where it was felt the information was needed as important reference material for the new assembled data.

- 
- 1 Ground Water in Ontario, 1947, Ont. Dept. of Mines, Vol. LX, 1951, pt. 11.
  - Ground Water in Ontario, 1948, 1949 and 1950, Ont. Dept. Mines, Bull. 145, 1953.
  - Ground Water in Ontario, 1951 and 1952, Ont. Dept. Mines, Bull. 152, 1957.
  - Ground Water in Ontario, 1953 and 1954, Ontario Water Resources Commission, Ground-Water Bulletin No. 1, 1961.
  - Ground Water in Ontario, 1955 and 1956, Ontario Water Resources Commission, Ground-Water Bulletin 2, 1963.
  - Ground Water in Ontario, 1957, Ontario Water Resources Commission, Ground-Water Bulletin No. 3, 1965.
  - Ground Water in Ontario, 1958, Ontario Water Resources Commission, Ground-Water Bulletin No. 4, 1966.

## Formation of the Ontario Water Resources Commission

In 1965 , the Ontario Government set up a Water Resources and Supply Committee to investigate water supply and sanitary waste disposal in the province. As a result of the investigations carried out by this committee, the Legislature established the Ontario Water Resources Commission in 1956. In 1957, the Legislature widened the scope of the Commission so that a comprehensive program could be instituted to deal with water supply and waste disposal problems.

During the period of organization of the Commission in 1956, assistance in ground-water problems was obtained from the Ontario Department of Mines. In April, 1957, the ground-water personnel of the Ontario Department of Mines were transferred to the Ontario Water Resources Commission to form the Ground Water Branch of the Commission.

In 1965, as a result of re-organization of branches within the Commission, the Ground Water Branch ceased to exist and its functions with respect to the preparation of ground-water bulletins passed to two new branches; the Water and Well Management Branch which is responsible for checking the records submitted by drillers, and the Hydrologic Data Branch which is responsible for assembling and preparing the records for publication.

### Acknowledgements

The assistance of many private individuals and municipal officials and employees in the observation-well program is gratefully acknowledged. The regular taking of water levels and the supervision of water-level recording instruments by these persons without remuneration is a tribute to their public spiritedness.

The water-well drillers filed records of well logs and water data with the Ontario Water Resources Commission and in so doing played an important part in the assembly of valuable hydrologic data. This support to the program is gratefully acknowledged.



## GEOGRAPHY

### Topography

The Province of Ontario has three main physiographic regions; the Hudson Bay Lowlands, the Precambrian or Canadian Shield and the St. Lawrence Lowlands.

The Hudson Bay Lowlands, in the northern part of the province, comprise the low, swampy areas bordering the south and west shores of James Bay and Hudson Bay.

South of the Hudson Bay Lowlands lies a large unique geomorphologic region which is part of the Precambrian or Canadian Shield. The elevation is seldom high, but has an extremely rugged profile in places. From the Hudson Bay Lowlands the land surface rises gently to a height-of-land north of Lake Superior and Lake Huron. The elevation of this height of land ranges from 1,000 to 2,000 feet above sea level. The maximum elevation is reached just northeast of Lake Superior. In Ontario the Canadian Shield extends southward to irregular lines extending from Midland to Kingston and from Brockville to Pembroke.

South of the Precambrian Shield is the St. Lawrence Lowlands, which may be further subdivided into the Ontario Lowland and the Ontario Upland. The Ontario Lowland extends from the eastern counties of Prescott and Glengarry westward to the Niagara escarpment. There is a maximum relief of about 1,000 feet, which is reached in the hilly interlobate moraine area where it adjoins the escarpment. The Niagara escarpment marks the boundary between the Ontario Lowland and the Ontario Upland. It is a striking topographic feature, owing its form to the bedrock of dense, white-weathering dolomite underlain by softer shales and dolomites. Differential erosion of these rocks through the ages has resulted in precipitous cliffs rising from the lowlands to heights of more than 200 feet. The land surface dips regionally to the west and south, away from the escarpment, towards lakes Huron and Erie. The highest elevation of the Upland is in Dufferin and Grey counties where heights of between 1,700 and 1,800 feet above sea level are reached in several places.

A variety of glacial forms such as recessional moraines, kames, deltas, eskers, and drumlins contribute to the variations in relief within the main geomorphologic regions throughout most of Ontario.

## Drainage

The total area of Ontario is 412,582 square miles of which 17 percent is fresh-water lakes and rivers. Most of these are located in the Precambrian Shield area. Of great importance to the province, is the Great Lakes - St. Lawrence River System which has a drainage basin of over 350,000 square miles. The lake levels vary from one to three feet during the year. The lowest levels are recorded in the winter; the highest, in most cases, in the summer and fall.

## Climate

The climatic conditions and geological structure of an area largely determine its hydrologic characteristics. If the climatic factors, precipitation, temperature, wind, and sunshine, and their hydrologic results are observed over a sufficiently long period, a fairly accurate assumption of future climatic and hydrologic conditions can be made.

Table 1 has been prepared from data published by the Meteorological Branch of the Canada Department of Transport and shows precipitation data for a number of selected meteorological stations in the province.



TABLE 1 - PRECIPITATION IN INCHES FOR CERTAIN LOCALITIES IN ONTARIO<sup>1</sup>

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
St. William													
1959	1.1	0.4	0.5	0.9	5.1	1.6	3.5	6.1	3.5	1.8	1.8	1.4	27.8
Average	1.67	1.18	1.37	1.81	2.37	3.29	3.26	3.18	3.34	2.52	2.17	1.46	27.62
Shrine													
1959	1.2	0.8	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average	1.78	1.33	1.69	2.01	2.67	3.45	3.67	3.41	3.47	2.53	2.55	2.24	30.80
St. Bay													
1959	2.4	2.6	2.1	2.7	3.5	N.A.	4.1	4.8	4.6	3.9	4.5	3.28	N.A.
Average	3.68	2.75	3.04	2.94	3.52	3.82	3.79	3.46	3.83	3.27	4.00	3.39	41.49
St. Sound													
1959	4.2	6.1	2.2	2.6	4.5	1.4	2.7	4.5	3.6	6.0	5.8	3.7	47.3
Average	3.73	2.60	2.85	2.56	2.79	2.72	2.58	2.51	3.58	3.66	4.12	4.17	37.87
St. (A)													
1959	3.6	3.14	1.9	1.3	1.2	1.7	2.7	6.4	4.4	3.6	3.4	3.56	36.8
Average	2.34	2.03	2.63	2.56	3.24	3.06	3.17	2.62	2.98	2.64	2.83	3.38	33.46
St. (Ontario Hydro)													
1959	3.1	2.9	1.4	1.9	1.8	0.8	4.9	5.1	4.2	4.1	N.A.	4.9	N.A.
Average	2.59	2.10	2.71	2.68	2.82	2.74	3.09	2.69	3.16	2.95	3.22	2.88	33.64
St. Ontario													
1959	2.8	3.5	3.0	2.9	1.6	0.8	1.2	1.4	3.9	3.3	2.9	3.9	31.2
Average	2.72	2.31	2.58	2.55	2.65	2.70	3.23	2.39	2.67	2.29	2.55	2.29	30.93
St. Land													
1959	6.1	4.0	4.2	3.5	2.4	1.2	1.9	3.5	5.6	4.9	3.5	3.5	44.4
Average	2.90	2.72	2.93	2.92	2.88	2.63	2.98	2.33	3.28	2.70	2.99	2.76	34.02
St. tford													
1959	4.5	3.0	3.5	3.0	4.3	0.7	3.0	3.4	N.A.	N.A.	4.1	3.7	N.A.
Average	3.54	2.78	3.07	3.02	2.99	3.51	3.41	2.71	3.59	2.76	3.53	3.41	38.32
St. Sound													
1959	2.6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Average	3.51	2.70	2.48	2.06	2.59	2.56	2.67	2.27	2.85	2.69	3.34	3.57	33.29
St. don (A)													
1959	5.0	2.5	2.5	2.8	4.6	0.9	4.4	3.2	2.8	4.6	3.5	3.2	40.0
Average	3.08	2.74	3.35	2.80	3.75	3.74	3.85	2.35	3.40	3.06	3.19	3.47	38.78
St. tham													
1959	4.1	2.4	2.8	4.0	2.6	1.3	1.6	2.8	1.4	5.3	3.0	4.5	36.0
Average	2.28	2.09	2.45	2.64	2.91	2.80	2.82	2.37	2.65	2.25	2.23	2.38	29.87
St. dsor													
1959	3.5	2.1	2.9	4.4	3.0	1.2	3.6	4.8	3.3	5.0	3.1	3.1	40.0
Average	2.12	2.17	2.90	3.03	4.43	2.98	2.61	3.31	2.44	2.70	2.43	2.31	33.43

1. Information by courtesy of the Meteorological Branch - Canada  
Department of Transport.  
(A) Airport.  
N.A. Not available.

## Agriculture

Many farmers and settlers continued to take advantage of the financial assistance provided by the Department of Agriculture in locating water supplies in Northern Ontario. Subsidies were equal to 50 percent of the cost over \$200.00 involved in locating a water supply, with a maximum payment of \$300.00. Subsidy payments to March, 1960, totalled \$23, 184. 97 for 109 wells<sup>1</sup> constructed. Details of the assistance for the year ending March 31, 1960, are shown in table II.

Table II - Assistance given to Farmers and Settlers in Procuring Water Supplies in Northern Ontario - April 1, 1959 - March 31, 1960.

### Report of Claims for Subsidy

District	No. of Wells	Total Subsidy	Average Subsidy
Algoma	--	--	--
Cochrane North	11	\$2, 039. 85	\$185. 44
Cochrane South	5	1, 479. 26	295. 65
Kenora	--	--	--
Manitoulin	9	1, 430. 86	158. 98
Muskoka & Parry Sound	10	2, 067. 40	206. 74
Nipissing	20	4, 987. 57	249. 37
Rainy River	18	3, 095. 20	171. 95
Sudbury	8	1, 643. 85	205. 48
Temiskaming	18	3, 982. 71	221. 26
Thunder Bay	10	2, 458. 27	245. 82

1. Ontario Department of Agriculture. Report of the Minister of Agriculture for year ending March 31, 1960.



## Population

The assessed population of Ontario in 1959 was 5,682,338<sup>1</sup> an increase of over three per cent from the 1958 figure.

The assessment and assessed population for municipalities in Ontario are shown in table III.

TABLE III - Assessment and Assessed Population - 1956-1959

Year	Assessment			Assessed Population
	Taxable	Exempt	Total	
	\$'000	\$'000	\$'000	
1956	7,921,731	1,324,232	9,245,963	5,130,947
1957	8,205,734	1,458,061	9,663,795	5,319,699
1958	8,847,190	1,578,617	10,425,807	5,504,083
1959	9,413,014	1,693,353	11,106,367	5,682,338

1. Municipal Directory 1966, Department of Municipal Affairs.

## GROUND WATER

### Source

Ground water occurs everywhere at varying depths below the surface of the ground. The level at which it occurs below the ground is defined as the water table. Its main source is precipitation in the form of rain and snow. Approximately one third of the precipitation in any area becomes available as surface runoff and ground water.<sup>1</sup> The rest is returned to the atmosphere by evaporation from the soil and bodies of water and by transpiration from vegetation. Precipitation averages over 30 inches annually in most parts of Southern Ontario. One third of this amounts to 145 million gallons on each square mile of land surface, and generally less than one half of this is available as ground water before it discharges to a stream or lake.<sup>2</sup> In sandy areas the rate of infiltration is higher in comparison with clay areas where there is a higher proportion of direct runoff.

1. L. B. Leupold, "Water and the Conservation Movement". USGS Circular 402, Washington, D. C.
2. A. K. Watt, "Our Water Resources - What Are They?". Conference on Water Resources Management, Toronto, May, 1966.

Numerous factors, such as the amount and intensity of rainfall, nature of soil and vegetation, slope of land surface, and wind and temperature conditions are important factors governing the amount of precipitation that may become ground water. Before large withdrawals of ground water are planned in an area, an attempt should be made to estimate the average perennial recharge to the aquifer. If this is done, the drying up of aquifers and the costly waste of pumping installations can often be avoided.

### Aquifer Conditions

A water-bearing formation that will transmit and yield ground water is known as an aquifer. The amount of water that can be extracted in any area depends on the character of the aquifer and the extent and frequency of recharge. Fine-grained materials such as clay or silt although having a high porosity and capable of holding large quantities of water can yield only small quantities of water because they have low permeabilities which hinder the movement of water through them. Wells developed in such materials do not meet normal household requirements adequately.

Coarse, well-sorted, sand and gravel make excellent aquifers. Rock formations that are well fractured or contain numerous solution channels are also good water-yielding formations. Frequently, saturated lenses of sand or gravel are sustained above the general water table by impervious layers of clay or silt, and occur quite close to ground surface. More than one of these may be present in an area above the main saturated zone. Dug wells frequently reach only this upper, perched water table which is subject to considerable fluctuation in water level and may even dry up completely in the late summer and fall of each year.



Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
BRANT COUNTY: Brantford Township Con. I, lot 29	85	Geo. McLaughlin	Geo. McLaughlin	Sept. 3, 1959		99	rock
DUFFERIN COUNTY: East Luther Township Con. IV, lot 29	46	I. Potter	I. Potter	Nov. 27, 1953		35	sand
HALDIMAND COUNTY: North Cayuga Township Jones Tract, lot 23	5	Canada Department of Transport	C. W. Beckerson	June 29, 1946		125	limestone
North Cayuga Township Jones Tract, lot 23	64	Canada Department of Transport	C. W. Beckerson	Apr. 15, 1954		100	limestone
HALTON COUNTY: Trafalgar Township Con. III, lot 14	38	C. Wilson	C. Wilson	Sept. 14, 1945		12. 5	overburden
LAMBTON COUNTY: Forest	56	Forest Public Utilities Commission	S. Ellerker	Nov. 28, 1946		110	overburden

TABLE IV - OBSERVATION WELLS MEASURED IN 1959 BY THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
MIDDLESEX COUNTY: London, Adelaide St.	15	London Public Utilities Commission	O. W. Logan	July 20, 1946		40	sand, gravel
Westminster Township Con. II, lot 48	29	G. Uptigrove	O. W. Logan	June 24, 1952		96	sand, gravel
Westminster Township N. T. R. East Side, lot 62	71	R. McDougall	O. W. Logan	Oct. 16, 1958		30	overburden
Westminster Township Con. V, lot 22	513	C. Holborn	O. W. Logan	Sept. 9, 1959		144	gravel
NORFOLK COUNTY: Simcoe	25	Simcoe Public Utilities Commission	G. E. Maxwell	Oct. 1, 1954		26	gravel
OXFORD COUNTY: West Oxford Township Con. III, lot 2	13	Woodstock Public Utilities Commission	N. Copp	July 5, 1946		75	gravel



Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
OXFORD COUNTY: Cont. East Zorra Township Con. X, lot 12	58	Dr. J. A. Vance	C. Scott	Apr. 10, 1956		147	limestone
PEEL COUNTY: Brampton	18	Dale Estate Ltd.	OWRC personnel	Apr. 18, 1952		30	overburden
Toronto Township C. I. R. Range III, lot 13	65	J. A./O. M. Schnick	O. M. Schnick	June 4, 1954		27	sand, gravel
Toronto Township C. I. R. Range III, lot 13	69	Sherman Sand and Gravel Limited	D. Sherman	July 26, 1954	June 25, 1959	42.5	sand, gravel
Toronto Township C. I. R. Range III, lot 13	70	Sherman Sand and Gravel Limited	D. Sherman	July 26, 1954	June 25, 1959	30	sand, gravel
PERTH COUNTY: Stratford	19	Stratford Public Utilities Commission	P. U. C. personnel	Oct. 26, 1946		350	limestone
Blanshard Township West Boundary Con., lot 11	44	Canadian Department of National Defence	R. C. A. F. personnel	Oct. 7, 1952		37.5	sand, gravel

TABLE IV - OBSERVATION WELLS MEASURED IN 1959 BY THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
PERTH COUNTY: Cont. Fullarton Township Mitchell Road East, lot 16	51	Upper Thames Valley Conservation Authority	A. Morris	Nov. 2, 1957		18	sand, gravel
SIMCOE COUNTY: Essa Township Con. III, lot 30, Police Village of Angus	7	Ontario Department of Lands and Forests	J. M. Dobson	June 6, 1950		20	sand
WATERLOO COUNTY: Elmira	32	Elmira Public Utilities Commission	P. U. C. personnel	Nov. 30, 1946		118	sand, gravel
Elmira	33	Elmira Public Utilities Commission	P. U. C. personnel	Nov. 30, 1946		59	sand, gravel
Kitchener Shoenaker Avenue	34	Kitchener Water Commission	J. S. Leslie	Sept. 11, 1946		370	dolomite
Kitchener Shoenaker Avenue	35	Kitchener Water Commission	J. S. Leslie	Sept. 11, 1946		196	dolomite



TABLE IV - OBSERVATION WELLS MEASURED IN 1959 BY THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
WATERLOO COUNTY: Cont. Kitchener Strange Street	59	Kitchener Water Commission	E. G. Boeckner	Nov. 29, 1946		202	dolomite
	87	Ontario Water Resources Commission for Town of Preston	OWRC personnel	Feb. 13, 1959		243	Guelph and Lockport formations
Kitchener Bechtel's Tract	82	A. Kaufman	A. Kaufman	May 10, 1958		127	sand, gravel
Kitchener Bechtel's Tract	83	H. Becker	H. Becker	May 8, 1958		120	sand
WELLAND COUNTY: Humberstone Township Con. I, lot 15	2	W. R. Davison	W. R. Davison	June 13, 1946		32.5	limestone
WELLINGTON COUNTY: Guelph (City)	47	Guelph Public Utilities Commission	H. Theaker	Feb. 4, 1954		152.6	dolomite
Guelph(City)	48	Guelph Public Utilities Commission	H. Theaker	Feb. 4, 1954		202	dolomite

TABLE IV - OBSERVATION WELLS MEASURED IN 1959 BY THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
YORK COUNTY: Markham Township Con. III, lot 3	6	North York Township Public Utilities Commission	North York P. U. C. personnel	Sept. 13, 1951	Aug., 1959	139	sand, gravel
North York Township Con. III W., lot 9	20	Kilmer Van Nostrand Ltd.	OWRC personnel	Aug. 1, 1947		211	sand, gravel
Etobicoke Township Con. II Fronting the Humber, lot 13	40	Township of Etobicoke	S. Parker	Dec. 9, 1954		105	gravel



## Drilled and Dug Wells

As a rule fairly dependable water supplies can be obtained by means of drilled wells which reach lower aquifers and are less likely to be affected by seasonal variations in precipitation. However, dug wells are important in areas where only poor quality water is obtainable at depth. The larger reservoir of the dug well can store water percolating slowly into the well from slightly permeable lenses and thus provide sufficient water for periodic use.

Contaminated waters occur in a high proportion of dug wells due to faulty construction. This is the result of rain water or surface runoff entering the well through cracks or openings at the top where contaminants of various kinds exist. The dug well should be constructed to prevent surface water entering it from the top. In addition to using water-tight materials, the well top should be raised above the ground surface and the ground sloped away from the well.

## Surveys and Investigations

During 1959 the Ontario Water Resources Commission continued the assembling of ground-water data and gave assistance to individuals, industries and municipalities with problems relating to ground water. Information was collected and assembled on the water resources of the counties of Essex, Elgin, Welland and Haldimand. Reports were completed for the counties of Essex and Elgin. In addition to the administration of those sections of The Ontario Water Resources Commission Act and Regulations pertaining to water wells and the study of ground-water levels by means of observation wells, a total of 55 field investigations were carried out during the year. Fourteen investigations were related to minor problems of water supply or well interference. Six municipal water supply problems were examined together with other branches of the Commission and some of these municipalities were assisted in proceeding with the installation of new water-work systems. Four investigations into well interference of some magnitude were carried out. Three municipalities were given aid in the interpretation of pumping-test data. Twelve ground-water surveys were made for municipalities with which there were no test-drilling or project agreements. In accordance with the recommendations of the reports two of the municipalities undertook test-drilling programs and sought the assistance of the Commission in the interpretation of the results. Eight municipalities undertook test-drilling programs as Ontario Water Resources Commission projects during the year. Seven of these were completed successfully and in one case a river supply was recommended. In addition, four other municipalities were involved in test-drilling programs which were in various stages of completion at the end of 1959. Ground-water surveys had been completed for four municipalities which were about to proceed with test-drilling programs at the end of the year.

## Observation Wells

The measurement of water levels in wells at regular intervals is an important part of the inventory of our ground-water resources. At the end of 1959 the Commission had 31 observation wells in operation. Water-level fluctuations were measured by automatic recorders in 10 wells and manually by weighted tapes in the remaining 21 wells.

The observation wells are listed by county in table IV. Other observation-well data and individual water-level measurements are given in appendix A. All measurements give the distance from the land surface at the well head to the top of the water in the well.

Observation wells record water levels under a variety of conditions: in bedrock aquifers, in overburden aquifers, in areas unaffected by withdrawals, and in well fields affected by large withdrawals. Together with data on pumpages, pumping levels and other aquifer conditions, the levels in observation wells are needed to calculate the potential yields of aquifers, and to assess the degree of development and the performance of well fields and wells.

The level recorded in an observation well when there is no appreciable recharge or extraction is referred to as the static level. A continually dropping static water level may be caused by over-pumping of the aquifer, less than average precipitation, reduced recharge because of changed soil or vegetational cover or a combination of these factors.

A lowering pumping level with a normal static level may indicate the plugging of openings leading to a well. Such plugging could occur in the well screen if the well is developed in sand or gravel or in the crevices of a rock formation because of the gradual sealing of the openings with precipitates of lime or ferruginous scale. Plugging in overburden wells constructed with no screens may be caused by sand moving up the casing and gradually reducing the yield of the well. In many cases wells can be rehabilitated in a variety of ways to improve yields.

Information on ground-water levels is especially important if problems of water shortages and complaints about well interference are to be lessened or resolved. Anyone concerned about the availability and use of ground water should measure ground-water levels regularly wherever possible. The Commission, in extending and improving its observation-well network, is anxious to cooperate with interested parties.

## The Hydro-Electric Power Commission of Ontario

The Hydro-Electric Power Commission of Ontario set up a number of observation wells in 1948 to study the effect of ground-water levels on the operation of storage basins and generating stations.

Table V lists certain particulars of these wells. A copy of all the water-level measurements is available for reference at the Ontario Water Resources Commission offices in Toronto.

TABLE V - OBSERVATION WELLS MEASURED IN 1959 BY THE  
HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO\*

Drainage Area	Watershed	Location	Measurements of Water Levels Commenced
Lake Huron	Mississagi River	George W. Rayner Generating Station	Dec. 15, 1952
Moose River	Abitibi River	Abitibi Canyon Generating Station Frederick House Dam Night Hawk Centre Shillington South Porcupine	Oct. 14, 1951 July 12, 1948 Aug. 9, 1948 Aug. 9, 1948 Aug. 9, 1948
Ottawa River	Madawaska River	Algonquin Park Bancroft Bark Lake Dam Carlow Boulter Princes Lake Sproule Bay Whitney	Oct. 21, 1949 Nov. 12, 1949 Nov. 7, 1949 Nov. 18, 1949 Oct. 29, 1949 Nov. 26, 1949 Oct. 28, 1949
Winnipeg River	English River	Ear Falls No. 2 Ear Falls No. 4 Lower Manitou Falls No. 2 Lower Manitou Falls No. 3	Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954

\*Data supplied by the Hydro-Electric Power Commission of Ontario.



## Water Level Fluctuations

Hydrographs have been prepared showing water level fluctuations in certain of the wells that have been under observation for a number of years. Wherever possible, data on such factors as precipitation, pumpage and streamflow which influence to a greater or lesser degree adjacent observation wells are included in the hydrographs.

The ground-water balance is in favour of recharge during most fall, winter and spring periods. The ground-water levels, therefore, normally rise during these seasons. In the summer months the amount of precipitation intercepted by plants and soil is usually so great that little, if any, is left to reach the saturated zones which supply wells and springs. As a result, although the amount of precipitation may be equal to, or greater than, that at other seasons of the year, the ground-water levels usually drop during this period.

Water-level variations in observation wells at Cayuga, Woodstock, and Stratford are shown graphically in Figure 1. Higher water levels were measured in the Cayuga observation well towards the end of 1959 than at comparable times for several previous years. In the Woodstock observation well, water levels had returned to more normal levels early in the year following the extremely low water levels measured late in 1958. In the Stratford observation well, water levels showed a sharp downward trend in the month of June, a warm month with below-average precipitation.

Hydrographs of water levels in wells at London, Township of Westminster, and Forest are shown in Figure 2. In 1958, there was a prolonged period of below-average precipitation. Beginning with November of that year and continuing through to May 1959 measured precipitation in the area was well above average. The graphs show that ground-water recharge began early in February 1959 and continued to mid-April.

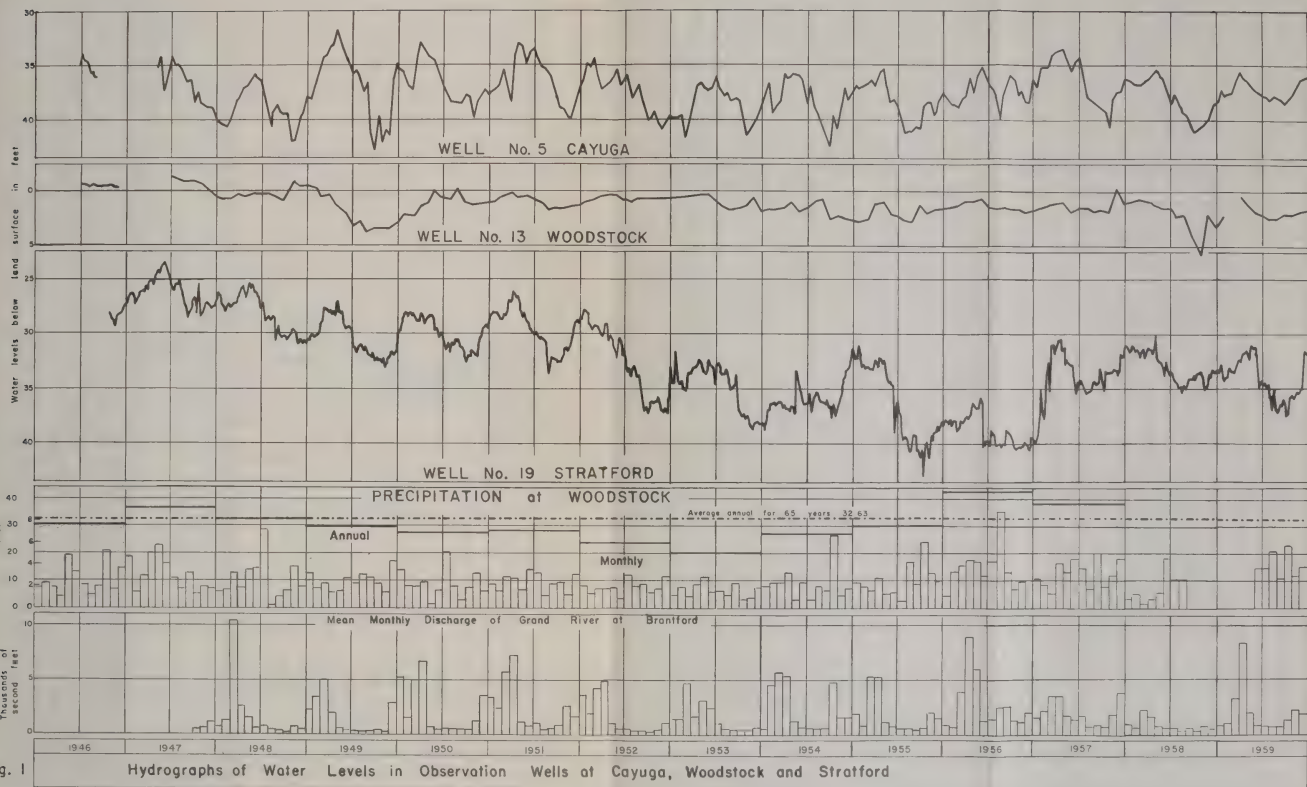
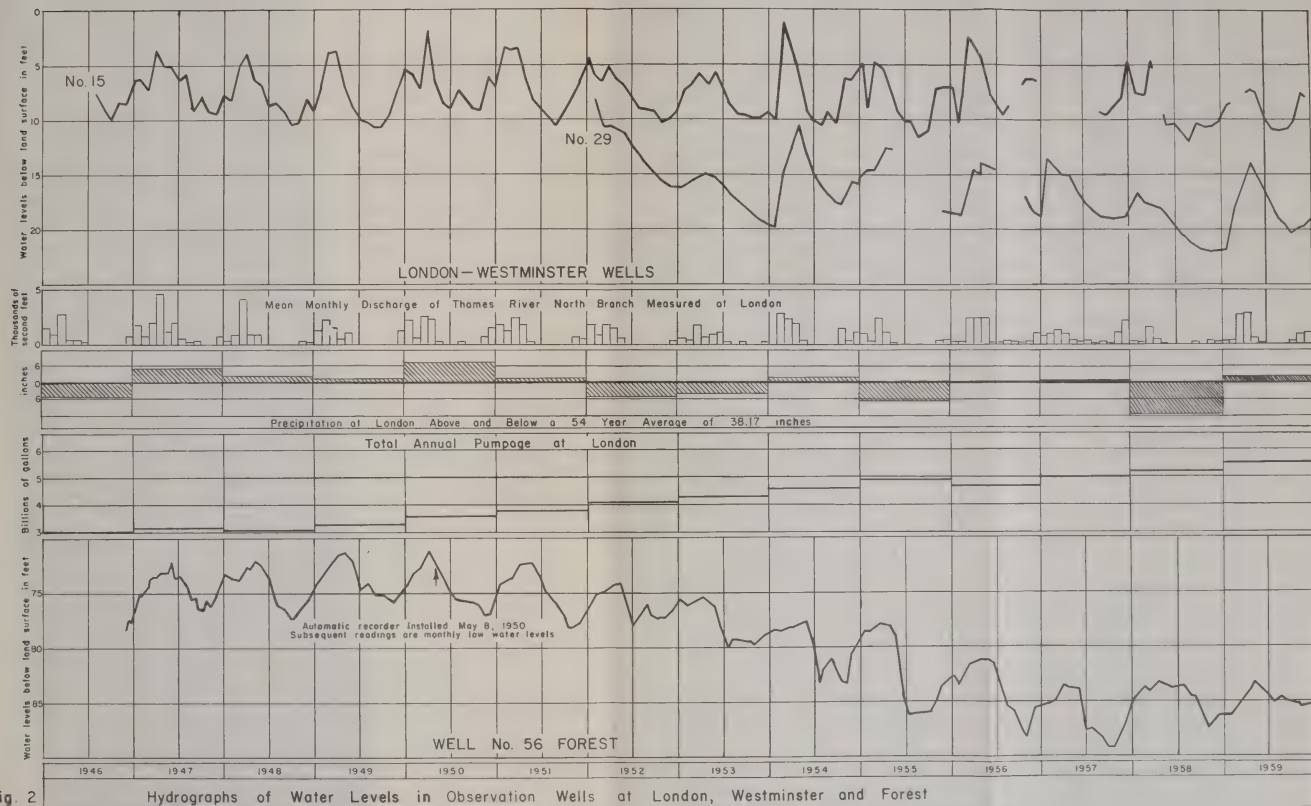


Fig. 1

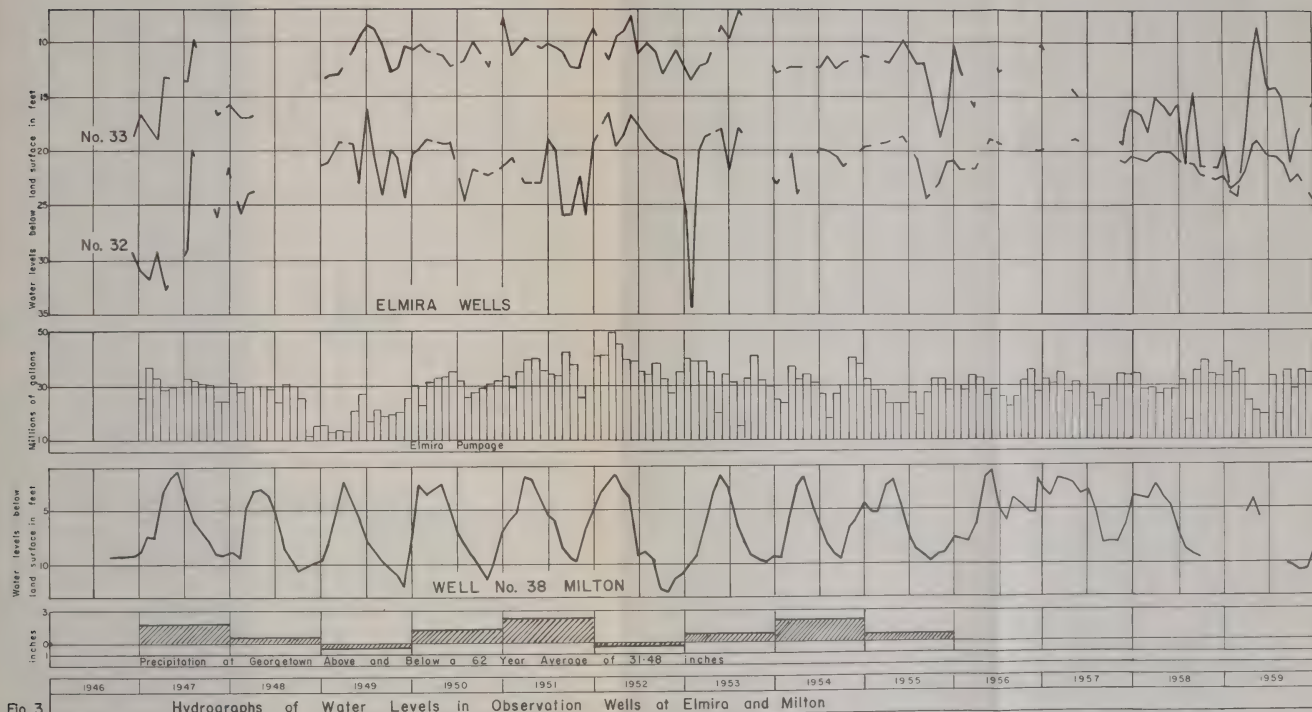
Hydrographs of Water Levels in Observation Wells at Cayuga, Woodstock and Stratford















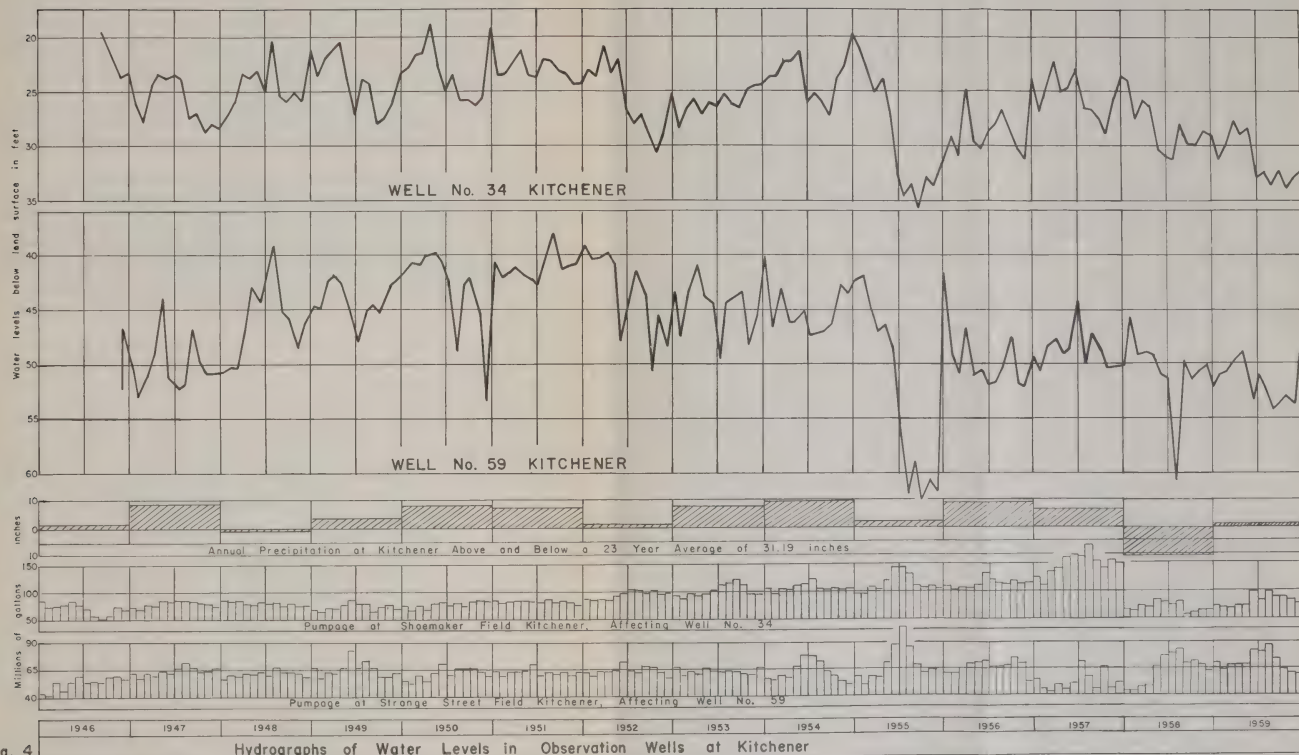


Fig. 4





In Figure 3, hydrographs of water levels in observation wells at Elmira and Milton are shown. Measured water levels in the Elmira observation wells vary greatly in 1959. Well No. 33 shows an extreme low at the end of the 1958-1959 winter season then rises to a high in the month of May. Measured water levels in Well No. 32 also show a downward trend into 1959, begin to rise slightly earlier than those in Well No. 33 and peak at almost the same time. It is also interesting to note the trend of the water levels in these wells at the year's end; Well No. 32 shows falling water levels and Well No. 33 shows rising water levels. Although 1959 precipitation records are incomplete for the Georgetown station, slightly above average precipitation was recorded at adjacent stations for the year.

Figure 4 shows hydrographs of Observation Wells No. 34 and No. 59, Kitchener. A lowering trend can be noted on the graph of water levels measured in Well No. 34. Pumpage from the Shoemaker well field had increased slightly over the 1958 pumpage, but was less than the pumpage during the period 1951-1957. At the Kitchener weather station precipitation for the months of October, November and December 1959, was slightly above average. Generally rising water levels were measured in both Wells No. 34 and No. 59 during this period.

## Licensed Boring and Drilling Contractors - 1959

Appendix B is a list of licensed water-well boring and drilling contractors and the number of wells drilled during 1959. A licensee who was not self-employed is listed immediately following his employer; in cases where there was a known change of employment during the year, the licensee appears under two employers. A licensee changing status to employee or to self-employed is listed both as an employee and a contractor.

Wells constructed by a licensee working as an employee, are recorded against the employer whenever this relationship is known.

Beginning in 1959, a fee of two dollars was charged for a water-well boring or drilling contractor's licence. No fee had been charged previously when a licence was issued and renewed to those who observed the Well Drillers Act and the Water Well Regulations. From October 29, 1959, all new applicants for a drilling contractor's licence were required to show satisfactory evidence of two year's well drilling experience. No qualifications were required for a boring contractor's licence.

### Water-Well Records

Records for 8,119 wells were forwarded by contractors for 1959. This is an increase of about 1,000 records over 1958. The records are available to the public for reference at the offices of the Ontario Water Resources Commission, in Toronto.

Most of the important information from the records has been compiled in appendix C and summarized in table VI. All information is essentially as supplied by the driller except for obvious errors which have been corrected by the staff of the Hydrologic Data Branch. The logs have rarely been changed except in a few instances where long logs with frequent repetitions of formations have been combined under one description.

Wells drilled in parts of townships annexed by adjoining municipalities are recorded generally in the townships in which the wells were constructed.

The pumping-test rates, reported in gallons per minute, do not necessarily represent the rate at which the wells could continue to supply water. Continuous pumping at the stated rates could have resulted in some of the wells being pumped dry while others may have been capable of being pumped steadily at much higher rates than those carried out in the pumping tests.

There is a slight increase in the percentage of wells that encountered sulphur; however, the percentages of wells with mineralised and salt water decreased.

Well water intended for use in churches, schools, hotels, and buildings generally occupied by several families or groups of people was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in greenhouses and dairies, as industrial; for market gardens, as irrigation.

Many test holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable for large yields.

About five and one half per cent of the holes drilled for water were dry or abandoned because of poor quality of water or insufficient supply. This percentage was slightly lower than that in 1958. The three counties of Kent, Lambton, and York had the greatest number of abandoned wells.

The percentage of wells drilled for irrigation and commercial purposes decreased slightly over that for 1958, while the percentage of wells for public supply and industrial purposes increased slightly.

TABLE VI - SUMMARY OF WATER-WELL DRILLING DATA FOR 1959

County or District	Total No. of Wells Drilled	Water-Bearing Formation				Type of Water				Use									
		Over-burden	Bedrock	Not Indicated	Dry Holes	Fresh	Salt	Sulphur	Mineral	Not Indicated	Dry Holes	Dom. or Stock	Public Supply	Commercial	Industrial	Irrigation	Test Hole	Not Indicated	Not Used
Brant	44	22	20		2	37		5			2	27	6	3	1	3	3		1
Bruce	128	7	117		4	121		3			4	103	14	1	1		7		2
Carleton	638	37	596	1	4	589	11	34			4	558	45	18	3	2	12		
Cochrane	117	33	81		3	114					3	96	5	5	3		7		1
Dufferin	43	7	33		3	40					3	34	5				4		
Dundas	63	4	59			58	1	4				50	7	2	1		3		
Durham	157	124	16		17	138		1			17	114	18	4	1		9		11
Elgin	100	94		2	2	92	2	4			2	87	4	1	1	1			6
Essex	133	26	96		11	92		30			11	107	4	1	1	4	1		12
Frontenac	275	2	255		18	239	9	9			18	232	14	8	3		1		17
Glengary	70	16	53		1	65	1	3			1	61	6	2					
Grenville	126	3	121		2	124					2	109	11	1	3		5		8
Grey	136	12	113	11	11	123				2	11	109	11	2	1				2
Haldimand	99	13	83		3	73		23			3	78	10	2	6				3
Haliburton	22		19		3	19					3	17	2	4					3
Halton	174	22	151		1	163	6	1	3		1	156	5	4	3		1		5
Hastings	263	21	207		35	212	1	14		1	35	205	9	3	9		1		36
Huron	87	3	84			85		1				75	8	4					
Kenora	2	1	1			2							2						
Kent	228	56	78	1	93	127	2	4	2		93	113	4	3					108
Lambton	177	80	57		40	125	2	7		3	40	83	10	3	1		20		60
Lanark	150	3	146		1	147		2			1	132	13	2	1		2		2
Leeds	226	2	221	3	3	223					3	204	11	5	2		1		3
Lennox and Addington	143	2	116		25	107		11			25	111	1	2	1		2	1	25
Lincoln	119	19	100			102	4	6	1			102	3		4	1	6		2
Manitowlin	16	4	11		1	12		3		6	1	12	1	1				1	2
Middlesex	213	123	66	3	21	158	1	15		18	21	142	11	7	3		24		26
Muskoka	56	12	35		9	45				2	9	38	7		1				10
Nipissing	117	23	89		5	112					5	94	14	1			1		7
Norfolk	179	137	40		2	149		17		11	2	128	7	5	4	16	11		8
Northumberland	189	75	98		16	161	4	6	1	1	16	147	12	9		2		1	18
Ontario	210	144	54	1	11	189		3		9	11	164	12	7	1		11	1	14
Oxford	130	81	49			126		4				107	10	4	4	5			
Parry Sound	49	33	16			49						35	11	3					
Peel	186	157	17	3	9	161	5	1	1	9	9	134	13	6	5	2	12		14

- continued -



TABLE VI- SUMMARY OF WATER-WELL DRILLING DATA FOR 1959

- continued -

County or District	Total No. of Wells Drilled	Water-Bearing Formation				Type of Water					Use								
		Over- burden	Bedrock	Not Indicated	Dry Holes	Fresh	Salt	Sulphur	Mineral	Not Indicated	Dry Holes	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irriga- tion	Test Hole	Not Indicated	Not Used
Perth	47	6	41		3	47	3	13		1	3	37	7	2	1				5
Peterboro	409	209	197			389						378	16	7	3				1
Prescott	30	6	24			28		2				24	3	1	1				18
Prince Edward	110	1	92	1	16	88	1	3		2	16	86	3	1	2				
Renfrew	108	16	92			106	1	1				90	11	3	2		2		
Russell	49	14	33		2	42		5			2	43	2	1	1				2
Simcoe	320	265	39	2	14	269	1	4		32	14	227	13	5	4		50		21
Stormont	79	9	67		3	63		7	1	5	3	45	20	2	2		7		3
Sudbury	135	42	87	2	6	120		2		7	6	109	9	3			5		9
Thunder Bay	5	2	2		1	4					1	3	1						1
Timiskaming	40	9	19		12	28					12	14	6	7					13
Victoria	219	82	125		12	195		12		15	12	188	8	8					15
Waterloo	138	86	52			116		5	2			95	4	3	1		35		
Welland	125	18	107			90		35				108	4	5	6	1			1
Wellington	159	29	130			159						145	3	3	1	1	6		
Wentworth	506	77	426	1	2	453		49		2	2	473	11	8	3	5			6
York	573	496	45	4	28	502	4	5		34	28	419	41	10	14	2	50		37
TOTAL	8119	2765	4878	21	455	7078	60	354	12	160	455	6456	488	188	108	40	302	4	533

## APPENDICES

A - Observation Wells and Water-Level Measurements, 1959

B - Licensed Boring and Drilling Contractors and Numbers of  
Wells Constructed, 1959

C - Records for Water Wells Drilled in 1959

# APPENDIX A - OBSERVATION WELLS AND WATER-LEVEL MEASUREMENTS, 1959

Levels above land surface +

All other levels are below land surface

## Brantford County

Observation Well No.: 85  
 Observer: G. McLaughlin  
 Location: Brantford township, con I, lot 29, property of D. McLaughlin  
 Type: Used dug 24 feet, drilled to 99 feet  
 Depth: 99 feet  
 Aquifer: Rock  
 Recording method: Automatic recorder  
 Records commenced: September 3, 1959  
 Measuring point: Top of wooden planking at ground surface

Daily lowest water level from land surface

1959

Day	July	Aug.	Sep.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet
1	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	14.69	.....
3	.....	.....	20.32	.....	.....	.....
4	.....	.....	20.60	.....	.....	.....
5	.....	.....	21.77	.....	.....	.....
6	.....	.....	20.62	.....	.....	.....
7	.....	.....	19.83	.....	.....	.....
8	.....	.....	21.05	.....	.....	.....
9	.....	.....	21.25	.....	.....	.....
10	.....	.....	21.25	.....	.....	.....
11	.....	.....	21.15	.....	.....	.....
12	.....	.....	21.05	.....	.....	.....
13	.....	.....	20.86	.....	.....	.....
14	.....	.....	21.02	.....	.....	.....
15	.....	.....	21.65	.....	14.09	.....
16	.....	.....	21.25	.....	14.04	.....
17	.....	.....	20.22	.....	13.59	11.53
18	.....	.....	20.50	.....	13.71	11.38
19	.....	.....	20.54	.....	13.58	11.27
20	.....	.....	20.11	.....	13.26	11.31
21	.....	.....	20.67	.....	13.29	11.17
22	.....	.....	20.61	.....	.....	.....
23	.....	.....	21.05	.....	.....	.....
24	.....	.....	21.45	.....	.....	11.83
25	.....	.....	.....	.....	.....	11.75
26	.....	.....	.....	.....	.....	11.32
27	.....	.....	.....	.....	.....	11.22
28	.....	.....	.....	.....	.....	11.75
29	.....	.....	.....	.....	.....	11.37
30	.....	.....	.....	.....	.....	10.92
31	.....	.....	.....	.....	.....	11.02

# Dufferin County

Observation Well No.: 46  
 Observer: I. Potter  
 Location: East Luther township, con IV, lot 29  
 Type: Used, dug to 20 feet, bored to 35 feet  
 Depth: 35 feet  
 Aquifer: Sand  
 Recording method: Manually by tape, approximately every two weeks  
 Records commenced: Nov. 27, 1953  
 Measuring point: Top of wooden plank 1 foot above land surface

## Distances of water level from land surface 1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 13	10.72	Apr. 1	8.78	Jul. 10	2.40	Oct. 13	5.96
Feb. 9	11.14	Apr. 11	3.33	Jul. 25	3.16	Nov. 2	6.02
Feb. 25	11.36	Apr. 21	.55	Aug. 15	4.20	Nov. 17	3.20
Mar. 9	11.38	May 22	1.32	Sep. 7	5.27	Nov. 30	2.59
Mar. 23	10.67	May 28	.05	Sep. 16	5.70	Dec. 18	1.56
		Jun. 13	.80				

# Haldimand County

Observation Well No.: 5  
 Observer: C.W. Beckerson  
 Location: North Cayuga township, Jones Tract, lot 23, Property of Department of Transport (Canada)  
 Type: Used, drilled  
 Depth: 125 feet  
 Aquifer: Sand  
 Recording method: Manually by tape, approximately every two weeks  
 Records commenced: Jun. 29, 1946  
 Measuring point: Top of collar 1 foot above land surface, elevation 667 feet

## Distances of water level from land surface 1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 1	38.35	Apr. 1	35.53	Jul. 1	37.73	Oct. 1	38.54
Jan. 15	37.24	Apr. 15	36.14	Jul. 15	37.91	Oct. 15	38.12
Feb. 2	37.86	May 1	36.41	Aug. 4	38.09	Nov. 2	37.77
Feb. 15	37.71	May 15	36.89	Aug. 15	37.74	Nov. 15	37.12
Mar. 2	37.48	Jun. 1	37.22	Sep. 1	37.92	Dec. 1	36.42
Mar. 15	36.42	Jun. 15	37.51	Sep. 15	38.06		

Observation Well No.: 64  
 Observer: C.W. Beckerson  
 Location: North Cayuga township, Jones Tract, lot 23, property of Department of Transport (Canada)  
 Type: Drilled  
 Depth: 100 feet  
 Aquifer: Limestone  
 Recording method: Manually by tape, approximately every two weeks  
 Records commenced: Apr. 15, 1954  
 Measuring Point: Top of casing at land surface, elevation 667 feet

## Distances of water level from land surface 1959

Date	feet
Sep. 5	30.96
Sep. 15	30.11
Oct. 1	28.76
Oct. 15	29.72



# Halton County

Observation Well No.: 38  
Observer: C. Wilson  
Location: Trafalgar township, con III, lot 14  
Type: Used, dug  
Depth: 12.5 feet  
Aquifer: Overburden  
Recording method: Manually by tape  
Records commenced: Sept. 14, 1946  
Measuring point: Top of wooden planking 1 foot above land surface

## Distances of water level from land surface 1959

Date	feet	Date	feet
Apr. 1	5.51	Oct. 2	10.21
May 2	4.11	Nov. 2	10.73
Jun. 2	6.04	Dec. 4	10.62
Sep. 10	10.06		

# Lambton County

Observation Well No.: 56  
Observer: S. Ellerker  
Location: Town of Forest, Hickory Creek drainage basin  
Type: Used, drilled  
Depth: 110 feet  
Aquifer: Overburden  
Recording method: Automatic recorder  
Records commenced: Nov. 28, 1946  
Measuring point: Top of pump base 1.63 feet above land surface

## Daily lowest water level from land surface 1959

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	85.50	86.35	84.87	84.49	82.77	82.14	83.45	84.16	84.35	84.63	84.52	84.68
2	85.07	86.35	84.62	83.00	82.27	82.40	83.56	84.38	84.34	84.67	84.63	84.67
3	85.19	85.74	84.27	83.02	.....	82.62	83.66	84.43	84.51	84.56	84.82	84.65
4	85.49	85.07	85.04	83.34	82.45	82.70	83.68	84.19	84.59	84.62	84.62	84.60
5	85.45	85.55	85.04	83.10	82.39	82.60	83.50	84.28	84.67	84.20	84.77	84.51
6	85.62	85.65	84.00	83.26	82.67	82.87	83.62	84.32	84.67	84.38	85.17	84.27
7	85.75	85.97	84.68	83.45	83.01	82.76	83.88	84.22	84.62	84.32	85.48	83.84
8	85.82	86.00	84.70	83.22	83.32	82.64	83.93	84.33	84.72	84.37	85.35	84.47
9	85.59	85.75	84.29	83.24	82.85	83.40	83.87	84.33	84.81	84.13	85.18	84.42
10	85.69	85.07	84.55	83.49	82.54	83.83	83.92	84.35	84.98	84.22	85.12	84.58
11	85.72	86.05	84.64	83.23	82.52	83.72	83.87	84.49	85.00	84.93	84.82	84.52
12	85.54	86.04	84.07	83.24	82.72	83.40	83.92	84.52	85.05	84.30	85.17	84.03
13	85.45	85.57	84.77	82.82	82.63	82.98	83.97	84.67	84.87	84.35	85.77	84.69
14	.....	85.52	84.23	82.73	82.48	84.15	84.16	89.69	84.38	84.38	85.05	84.71
15	.....	85.47	83.86	82.75	82.55	83.01	84.61	84.72	84.32	84.44	85.40	84.45
16	.....	85.22	84.27	82.79	82.63	83.20	84.62	84.47	84.67	84.53	84.75	84.42
17	85.42	84.93	.....	82.83	82.47	83.27	84.97	84.29	84.72	84.54	84.99	84.52
18	85.47	.....	.....	82.62	82.47	83.32	85.17	84.66	84.91	84.71	85.07	84.48
19	85.12	.....	84.28	82.71	82.44	83.34	84.32	84.68	84.84	84.67	84.87	84.74
20	85.42	.....	84.22	82.57	82.59	83.44	84.39	84.70	84.94	84.88	84.97	84.72
21	84.95	85.42	84.04	82.63	82.53	83.44	84.49	.....	84.56	84.22	84.85	84.47
22	....	85.42	84.34	82.79	82.72	83.40	84.53	.....	84.67	85.00	84.67	84.73
23	....	85.95	84.01	82.73	82.65	83.66	84.51	.....	84.67	84.68	84.67	84.73
24	85.52	85.33	84.13	82.88	82.63	83.69	84.29	.....	84.90	84.02	84.19	84.53
25	85.64	85.34	84.15	82.74	82.67	83.54	84.38	.....	84.92	84.32	84.15	84.39
26	85.68	85.24	84.28	82.87	82.47	83.54	84.64	84.60	84.49	84.59	84.80	84.22
27	85.53	85.21	84.11	82.73	82.72	83.38	84.47	84.77	84.57	84.94	84.74	83.80
28	85.74	85.05	84.30	82.53	82.85	83.43	84.40	84.64	84.64	85.23	84.75	83.49
29	85.79	.....	83.90	82.35	82.83	83.58	84.52	84.47	84.62	85.31	84.67	83.84
30	85.68	.....	83.95	82.50	82.72	83.69	84.49	84.82	84.82	85.25	84.62	85.75
31	86.60	.....	83.67	.....	82.64	.....	.....	84.22	.....	85.40	.....	84.37

## Middlesex County

Observation Well No.: 15  
 Observer: O.W. Logan  
 Location: City of London, property of London Public Utilities  
 Commission  
 Type: Drilled  
 Depth: 40 feet  
 Aquifer: Sand and gravel  
 Recording method: Manually by tape  
 Records commenced: Jul. 30, 1946  
 Measuring point: Top of casing 2 feet above land surface, elevation 786 feet

## Distances of water level from land surface

1959			
Date	feet	Date	feet
Feb. 4	8.64	Aug. 27	10.94
May 5	7.24	Oct. 2	10.84
Jun. 1	7.45	Oct. 29	10.08
Jun. 30	9.98	Nov. 25	7.55
Jul. 27	10.75		

Observation Well No.: 29  
 Observer: O.W. Logan  
 Location: Westminster township, con II, lot 48,  
 property of G. Uptigrove  
 Type: Drilled test hole  
 Depth: 96 feet  
 Aquifer: Sand and gravel  
 Recording method: Automatic recorder  
 Records commenced: Jan. 24, 1952  
 Measuring point: Top of casing 3.59 feet above land surface

## Daily lowest water level from land surface

1959

Date	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	21.67	20.81	17.62	13.58	13.97	15.55	16.97	18.42	19.45	20.33	19.71	19.70
2	21.66	20.69	17.60	13.58	14.02	15.59	17.01	18.47	19.50	20.35	19.75	19.70
3	21.65	20.55	17.55	13.58	14.05	15.63	17.07	18.52	19.52	20.36	19.75	19.71
4	21.65	20.43	17.43	13.55	14.11	15.68	17.12	18.54	19.56	20.36	19.78	19.75
5	21.64	20.33	17.28	13.51	13.15	15.72	17.14	18.59	19.60	20.36	19.81	19.75
6	21.64	20.27	17.08	13.45	14.19	15.77	17.27	18.62	19.61	20.36	19.82	19.75
7	21.64	20.20	16.85	13.41	14.24	15.82	17.26	18.65	19.63	20.35	19.82	19.75
8	21.64	20.13	16.42	13.37	14.29	15.86	17.30	18.65	19.66	20.36	19.83	19.75
9	21.64	20.09	16.09	13.32	14.31	15.91	17.35	18.69	19.70	20.36	19.83	19.75
10	21.64	20.03	15.79	13.26	14.37	15.95	17.40	18.72	19.72	20.30	19.83	19.76
11	21.64	20.01	15.60	13.22	14.43	15.99	17.46	18.75	19.72	20.20	19.87	19.77
12	21.64	19.98	15.45	13.19	14.49	16.04	17.48	18.80	19.74	20.10	19.83	19.77
13	21.63	19.92	15.39	13.17	14.54	16.08	17.53	18.84	19.77	20.00	19.88	19.73
14	21.68	19.87	15.36	13.17	14.60	16.13	17.61	18.87	19.77	19.94	19.88	19.65
15	21.73	19.82	15.34	13.17	14.65	16.16	17.63	18.90	19.90	19.87	19.84	19.37
16	21.74	19.72	15.30	13.17	14.71	16.20	17.69	18.93	19.97	19.82	19.84	19.08
17	21.80	19.43	15.17	13.26	14.76	16.24	17.74	18.99	20.00	19.78	19.83	18.82
18	21.84	19.03	15.06	13.30	14.84	16.29	17.81	19.03	20.03	19.75	19.80	18.60
19	21.86	18.78	14.78	13.36	14.87	16.33	17.84	19.11	20.09	19.72	19.77	18.44
20	21.85	18.49	14.61	13.41	14.93	16.37	17.90	19.13	20.10	19.70	19.75	18.28
21	21.95	18.23	14.56	13.49	14.98	16.42	17.96	19.14	20.12	19.69	19.74	18.18
22	21.84	18.06	14.29	13.52	15.04	16.46	18.01	19.15	20.15	19.69	19.72	18.10
23	21.82	17.89	14.04	13.57	15.09	16.51	18.04	19.21	20.15	19.70	19.71	18.04
24	21.78	17.80	13.84	13.63	15.14	16.56	18.10	19.08	20.15	19.70	19.70	18.01
25	21.70	17.74	13.69	13.68	15.20	16.62	18.16	19.13	20.17	19.70	19.69	17.96
26	21.59	17.67	13.61	13.77	15.31	16.69	18.21	19.20	20.17	19.70	19.68	17.96
27	21.47	17.66	13.55	13.84	15.35	16.81	18.30	19.32	20.28	19.70	19.67	17.96
28	21.33	17.64	13.54	13.77	15.31	16.74	18.27	19.27	20.18	19.70	19.68	17.96
29	21.19	.....	13.55	13.89	15.39	16.86	18.33	19.34	20.29	19.69	19.68	17.96
30	21.05	.....	13.58	13.93	15.42	16.91	18.36	19.36	20.30	19.71	19.68	17.96
31	20.94	.....	13.58	.....	15.50	.....	18.40	19.40	.....	19.71	.....	17.98

## Middlesex County

Observation Well No.: 36  
 Observer: G. Anderson  
 Location: Village of Glencoe, property of Glencoe Public Utilities  
 Commission  
 Type: Drilled  
 Depth: 215 feet  
 Aquifer: Overburden  
 Recording method: Automatic recorder  
 Records commenced: December 4, 1959  
 Measuring point: Top of shelter platform 3.8 feet above land surface

## Distance of water level from land surface

December 1959

Day	feet	Day	feet	Day	feet	Day	feet
1	.....	9	75.11	17	75.25	25	75.39
2	.....	10	75.12	18	75.27	26	75.41
3	.....	11	75.14	19	75.29	27	75.43
4	75.02	12	75.16	20	75.30	28	75.45
5	75.03	13	75.18	21	75.32	29	75.47
6	75.05	14	75.20	22	75.34	30	75.48
7	75.07	15	75.21	23	75.36	31	75.50
8	75.09	16	75.23	24	75.38		

Observation Well No.: 71  
 Observer: O.W. Logan  
 Location: Westminster township, North Talbot Road, East side  
 lot 62  
 Type: Used, dug  
 Depth: 30 feet  
 Aquifer: Overburden  
 Recording method: Automatic recorder  
 Records commenced: October 16, 1958  
 Measuring point: Top of platform at ground surface

## Daily lowest water level from land surface

1959

Date	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.57	7.61	7.31	7.24	6.31	6.75	7.06	7.46	7.67	7.82	6.92	5.52
2	8.56	7.64	7.33	7.14	6.28	6.73	7.07	7.48	7.66	7.83	6.89	5.51
3	8.52	7.65	7.35	7.05	6.21	6.72	7.09	7.50	7.61	7.83	6.88	5.51
4	8.48	7.63	7.38	6.92	6.25	6.72	7.10	7.51	7.68	7.81	6.87	5.50
5	8.46	7.65	7.40	6.87	6.27	6.73	7.11	7.53	7.70	7.81	6.71	5.47
6	8.46	7.67	7.17	6.86	6.29	6.74	7.12	7.54	....	7.79	6.66	5.40
7	8.44	7.68	7.17	6.84	6.35	6.75	7.13	7.55	....	7.36	6.61	5.30
8	8.44	7.69	7.20	6.84	6.37	6.77	7.15	7.57	7.74	7.05	6.57	5.20
9	8.45	7.70	7.22	6.67	6.42	6.79	7.15	7.52	7.74	7.00	6.55	5.13
10	8.45	7.69	7.24	6.56	6.45	6.81	7.17	7.54	7.74	6.97	6.54	5.05
11	8.45	7.60	7.26	6.52	6.46	6.83	7.18	7.55	7.75	6.98	6.53	4.97
12	8.44	7.62	7.27	6.48	6.49	6.84	7.20	7.56	7.77	7.01	6.50	4.87
13	8.43	7.60	7.29	6.47	6.50	6.85	7.22	7.58	7.78	7.02	6.47	4.20
14	8.44	7.45	7.30	6.48	6.53	6.87	7.24	7.60	7.79	7.05	6.36	3.98
15	8.41	7.29	7.22	6.51	6.55	6.89	7.25	7.61	7.80	7.07	5.95	3.83
16	8.39	7.29	7.07	6.53	6.59	6.90	7.26	7.62	7.81	7.08	5.81	3.93
17	8.38	7.25	7.12	6.55	6.61	6.91	7.28	7.64	7.82	7.10	5.74	3.30
18	8.36	7.27	7.15	6.58	6.63	6.92	7.30	7.65	7.84	7.12	5.71	3.78
19	8.36	7.30	7.16	6.60	6.65	6.94	7.31	7.67	7.86	7.12	5.68	3.78
20	8.37	7.34	7.15	6.64	6.67	6.95	7.33	7.68	7.87	7.13	5.68	3.82
21	8.37	7.37	7.16	6.66	6.64	6.95	7.35	7.69	7.88	7.15	5.69	3.87
22	7.49	7.40	7.19	6.69	6.65	6.97	7.36	7.69	7.89	7.17	5.71	3.93
23	7.53	7.40	7.22	6.72	6.65	6.98	7.38	7.64	7.90	7.17	5.71	3.98
24	7.55	7.39	7.24	6.75	6.65	7.00	7.38	7.65	7.90	7.15	5.69	4.11
25	7.58	7.43	7.25	6.79	6.66	6.97	7.40	7.65	7.91	7.12	5.64	4.17
26	7.57	7.44	7.26	6.79	6.68	6.99	7.42	7.66	7.91	7.10	5.61	4.25
27	7.59	7.36	7.25	6.80	6.70	7.00	7.44	7.64	7.92	7.07	5.58	4.26
28	7.62	7.37	7.25	6.82	6.70	7.02	7.46	7.64	7.93	7.02	5.55	4.26
29	7.65	....	7.25	6.88	6.72	7.03	7.46	7.63	7.89	6.98	5.53	4.18
30	7.64	....	7.26	6.48	6.74	7.05	7.45	7.65	7.84	6.96	5.52	4.22
31	7.57	....	7.25	....	7.73	....	7.45	7.65	....	6.94	....	4.25

Middlesex County

Observation Well No.: 513  
 Observer: O.W. Logan  
 Location: Westminster township, Con V, lot 22, Property of London Public Utilities Commission  
 Type: Drilled  
 Depth: 144 feet  
 Aquifer: Gravel  
 Recording method: Automatic recorder  
 Records commenced: September 9, 1959  
 Measuring point: Top of well casing 5.4 feet above land surface

Daily lowest water level from land surface

1959

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	....	....	7.39	....	....	....	....	....	....	6.65	7.45	8.54
2	....	....	7.48	....	....	....	....	....	....	6.65	7.53	8.55
3	....	....	7.59	....	....	....	....	....	....	6.65	7.55	8.60
4	....	....	7.71	....	....	....	....	....	....	6.65	7.58	8.60
5	....	....	7.78	....	....	....	....	....	....	6.65	7.65	8.64
6	....	....	7.86	....	5.97	....	....	....	....	6.65	7.67	8.67
7	....	....	7.96	....	5.99	....	6.16	....	....	6.57	7.73	8.73
8	....	....	8.04	....	6.00	....	....	....	....	6.59	7.75	8.77
9	....	....	8.16	....	....	....	....	....	6.50	6.67	7.79	8.83
10	....	....	8.20	....	5.98	....	....	....	6.53	6.71	7.82	8.86
11	....	....	8.19	....	5.98	....	....	....	6.54	6.78	7.88	8.96
12	....	....	8.16	....	5.98	....	....	....	6.55	6.84	7.96	8.86
13	....	....	8.18	....	....	....	....	....	6.55	6.87	7.96	8.86
14	....	....	8.19	....	....	....	....	....	6.55	6.92	7.93	8.85
15	....	....	8.13	....	....	....	....	....	6.57	6.96	7.98	8.85
16	....	....	8.13	....	....	....	....	....	6.60	6.99	8.03	8.87
17	....	5.92	....	....	....	....	....	....	6.63	7.02	8.10	8.90
18	....	5.92	....	....	....	....	....	....	6.65	7.05	8.13	8.95
19	....	6.04	....	....	....	....	....	....	6.69	7.09	8.19	9.00
20	....	6.22	....	....	....	....	....	....	6.71	7.15	8.23	9.05
21	....	6.40	....	....	....	....	....	....	6.71	7.17	8.25	9.10
22	....	6.53	....	....	....	....	....	....	6.73	7.19	8.25	9.15
23	....	6.65	....	....	....	....	....	....	6.75	7.19	8.30	9.18
24	....	6.80	....	....	....	....	....	....	6.78	7.15	8.33	9.18
25	....	6.94	....	....	....	....	....	....	6.78	7.14	8.43	9.18
26	....	7.06	....	....	....	....	....	....	6.84	7.15	8.49	9.25
27	....	7.17	....	....	6.06	....	....	....	6.80	7.22	8.50	9.25
28	....	7.29	....	....	....	....	6.34	....	6.79	7.27	8.50	9.25
29	....	....	....	....	....	....	....	....	6.80	7.35	8.50	9.30
30	....	....	....	....	....	....	....	....	6.70	7.45	8.51	9.33
31	....	....	....	....	....	....	....	6.47	....	7.45	....	9.38

Norfolk County

Observation Well No.: 25  
 Observer: C.E. Maxwell  
 Location: Town of Simcoe  
 Type: Drilled gauge well  
 Aquifer: Gravel  
 Recording method: Tape  
 Records commenced: Oct. 1, 1954  
 Measuring point: Top of iron valve box at land surface

Distances of water level from land surface:

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 3	17.00	Apr. 1	14.10	Jul. 2	14.91	Oct. 1	15.41
Feb. 2	15.50	May 2	14.35	Aug. 1	15.16	Nov. 2	16.10
Mar. 2	15.05	Jun. 4	14.50	Sep. 1	15.41	Dec. 1	16.00



# Oxford County

Observation Well No.: 13  
Observer: N. Copp  
Location: West Oxford township, con III, lot 2, property of Woodstock Public Utilities Commission  
Type: Used, drilled  
Depth: 75 feet  
Aquifer: Gravel  
Recording method: Manually by tape, monthly  
Records commenced: Jul. 5, 1946  
Measuring point: Top of casing 2 feet above land surface

## Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 31	2.35	Apr. 8	.56	Jul. 31	2.57	Oct. 31	2.16
		Apr. 30	1.30	Aug. 31	2.57	Nov. 30	1.90
		May 31	1.94	Sep. 30	2.14	Dec. 30	1.70
		Jun. 30	2.22				

Observation Well No.: 58  
Observer: C. Scott  
Location: East Zorra township, con X, lot 12, property of Dr. James A. Vance  
Type: Used, drilled  
Depth: 147 feet  
Aquifer: Limestone  
Recording method: Manually by tape, monthly  
Records commenced: April 10, 1956  
Measuring point: Top of casing in well pit 5 feet below land surface

## Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 28	37.95	Apr. 28	30.94	Jul. 29	30.97	Nov. 27	28.91
Feb. 27	30.95	May 28	29.93	Aug. 27	31.96	Dec. 26	28.94
Mar. 25	27.00	Jun. 26	30.91				

Peel County

Observation Well No.: 18  
 Observer: O.W.R.C. personnel  
 Location: Town of Brampton, property of Dale Estate Ltd.  
 Type: Dug  
 Depth: 30 feet  
 Aquifer: Overburden  
 Recording method: Automatic recorder  
 Records commenced: April 19, 1952  
 Measuring point: Top of wooden well cover, 6 inches above land surface

Daily lowest water level from land surface

1959

Date	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.45	8.54	8.28	5.59	4.80	6.16	7.26	8.45	9.53	10.25	9.80	6.52
2	9.26	8.59	8.27	5.50	4.79	6.20	7.31	8.47	9.56	10.27	9.78	6.47
3	9.25	8.58	8.25	5.40	4.82	6.23	7.34	8.52	9.53	10.27	9.76	6.42
4	9.24	8.57	8.22	5.15	4.86	6.27	7.38	8.55	9.61	10.29	9.75	6.41
5	9.23	8.55	8.20	5.06	4.90	6.31	7.41	8.59	9.64	10.29	9.68	6.39
6	9.22	8.54	8.18	5.00	4.95	6.35	7.45	8.63	9.67	10.25	9.66	6.36
7	9.22	8.54	7.92	4.95	5.01	6.39	7.50	8.67	9.69	10.02	9.45	6.32
8	9.22	8.54	7.76	4.93	5.07	6.43	7.55	8.71	9.73	9.95	9.33	6.25
9	9.20	8.53	7.73	4.86	5.13	6.47	7.59	8.75	9.76	9.93	9.26	6.21
10	9.19	8.54	7.70	4.81	5.18	6.52	7.63	8.78	9.79	9.92	9.11	6.16
11	9.18	8.52	7.68	4.79	5.24	6.56	7.07	8.83	9.82	9.92	9.00	6.13
12	9.18	8.52	7.66	4.80	5.28	6.59	7.74	8.87	9.85	9.92	8.91	6.09
13	9.16	8.51	7.64	4.82	5.34	6.63	7.75	8.91	9.88	9.91	8.86	5.99
14	9.16	8.49	7.62	4.87	5.38	6.67	7.80	8.94	9.92	9.91	8.73	5.91
15	9.12	8.41	7.60	4.90	5.44	6.72	7.84	8.98	9.92	9.91	8.32	5.84
16	9.04	8.40	7.27	4.94	5.49	6.75	7.89	9.01	9.95	9.91	8.13	5.77
17	9.01	8.37	7.19	4.99	5.55	6.80	7.93	9.04	9.98	9.91	7.98	5.69
18	8.99	8.36	7.16	5.03	5.60	6.84	7.97	9.08	10.01	9.91	7.88	5.59
19	8.99	8.34	7.15	5.08	5.67	6.87	8.01	9.12	10.01	9.90	7.77	5.48
20	8.98	8.33	6.97	5.13	5.70	6.91	8.06	9.16	10.05	9.90	7.68	5.46
21	8.93	8.33	6.73	5.18	5.74	6.95	8.10	9.19	10.07	9.90	7.60	5.40
22	8.74	8.33	6.52	5.23	5.78	6.99	8.15	9.22	10.09	9.90	7.50	5.37
23	8.66	8.33	6.47	5.27	5.83	7.03	8.19	9.25	10.11	9.90	7.42	....
24	8.66	8.32	6.33	5.33	5.87	7.08	8.23	9.33	10.13	9.89	7.30	....
25	8.65	8.31	6.15	5.36	5.92	7.12	8.27	9.32	10.15	9.87	7.18	....
26	8.64	8.31	6.04	5.41	5.98	7.14	8.31	9.36	10.17	9.86	7.12	....
27	8.63	8.30	5.97	5.44	6.04	7.15	8.35	9.38	10.19	9.85	6.99	....
28	8.62	8.29	5.94	5.46	6.04	7.18	8.39	9.41	10.21	9.84	6.88	....
29	8.62	....	5.94	5.06	6.06	7.22	8.42	9.44	10.23	9.84	6.75	....
30	8.61	....	5.89	4.87	6.09	7.26	8.37	9.46	10.24	9.83	6.62	....
31	8.59	....	5.73	....	6.13	....	8.41	9.50	.....	9.83	....	....

Observation Well No.: 70  
 Observer: D. Sherman  
 Location: Toronto township, Credit Indian Reserve, Range III, lot 3, property of Sherman Sand and Gravel Limited  
 Type: Dug  
 Depth: 30 feet  
 Aquifer: Sand and gravel  
 Recording method: Manually by tape, weekly  
 Records commenced: July 26, 1954  
 Measuring point: Wooden cover 1.4 feet above land surface

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 2	27.25	Feb. 10	27.56	Apr. 2	25.63	May 11	25.29
Jan. 7	27.27	Feb. 19	27.58	Apr. 8	25.55	May 21	25.36
Jan. 14	27.38	Feb. 27	27.57	Apr. 16	27.37	May 26	25.44
Jan. 22	27.56	Mar. 5	27.13	Apr. 21	25.20	Jun. 4	25.49
Jan. 28	27.48	Mar. 10	27.08	Apr. 28	25.22	Jun. 10	25.67
Feb. 5	27.59	Mar. 18	26.51	May 4	25.26	Jun. 16	25.80
		Mar. 26	26.15			Jun. 25	25.88

# Peel County

Observation Well No.: 19  
 Observer: Public Utilities Commission personnel  
 Location: City of Stratford, property of Stratford Public Utilities Commission  
 Type: Used, drilled  
 Depth: 350 feet  
 Aquifer: Limestone  
 Recording method: Manually by tape, weekly  
 Records commenced: Oct. 26, 1946  
 Measuring point: Iron frame 1 foot above land surface

## Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 4	33.25	Apr. 5	32.58	Jul. 5	34.66	Oct. 4	36.66
Jan. 11	33.66	Apr. 12	32.25	Jul. 12	34.42	Oct. 11	37.66
Jan. 18	32.50	Apr. 19	31.75	Jul. 19	34.83	Oct. 18	37.17
Jan. 25	34.00	Apr. 26	31.50	Jul. 26	34.75	Oct. 25	35.75
Feb. 1	34.42	May 3	32.00	Aug. 2	35.92	Nov. 1	35.42
Feb. 8	34.08	May 10	32.42	Aug. 9	35.58	Nov. 8	35.92
Feb. 15	33.92	May 17	31.00	Aug. 16	37.17	Nov. 15	35.17
Feb. 22	33.00	May 24	31.25	Aug. 23	34.66	Nov. 22	35.58
Mar. 1	33.58	May 31	31.50	Aug. 30	36.92	Nov. 29	35.25
Mar. 8	33.42	Jun. 7	31.33	Sep. 6	37.13	Dec. 6	34.83
Mar. 15	33.66	Jun. 14	33.75	Sep. 13	36.33	Dec. 13	35.08
Mar. 22	32.92	Jun. 21	35.33	Sep. 20	36.58	Dec. 20	31.58
Mar. 29	32.33	Jun. 28	34.25	Sep. 27	35.83	Dec. 27	31.66

Observation Well No.: 44  
 Observer: R.C.A.F. Personnel  
 Location: Blanshard township, west boundary concession, lot 11, property of Government of Canada, Department of National Defence  
 Type: Used  
 Depth: 37.5  
 Aquifer: Sand and gravel  
 Recording method: Automatic recorder  
 Records commenced: October 7, 1952  
 Measuring point: Top of shelter platform, 3 feet above land surface

## Daily lowest water level from land surface

1959

Date	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.04	5.66	6.02	1.60	2.85	3.75	5.11	6.55	7.52	7.92	7.46	5.12
2	8.04	5.74	5.96	1.42	2.89	3.73	5.18	6.62	7.54	7.92	7.42	5.16
3	8.01	5.80	5.80	1.56	2.83	3.78	5.25	6.68	7.56	7.98	7.37	5.17
4	7.95	5.85	5.47	1.58	2.82	3.84	5.33	6.76	7.59	8.03	7.22	5.16
5	7.89	5.96	5.19	1.65	3.00	3.89	5.40	6.82	7.64	8.06	6.72	5.09
6	7.80	6.09	5.08	1.76	3.07	3.94	5.46	6.88	7.69	8.66	6.27	4.99
7	7.68	6.18	4.48	1.80	3.14	3.99	5.53	6.94	7.74	7.74	6.20	4.53
8	7.57	6.21	4.44	1.80	3.21	4.03	5.60	7.00	7.78	6.82	6.28	4.54
9	7.50	6.28	4.18	1.85	3.26	4.07	5.67	7.05	7.83	6.58	6.36	4.61
10	7.45	6.30	4.19	1.91	3.31	4.11	5.74	7.10	7.87	6.65	6.40	4.67
11	7.42	6.31	4.33	1.98	3.34	4.15	5.77	7.16	7.91	6.72	6.45	4.68
12	7.42	6.27	4.47	2.02	3.28	4.19	5.82	7.22	7.94	6.79	6.45	4.41
13	7.42	6.22	4.62	2.07	3.29	4.22	5.88	7.28	7.98	6.86	6.43	3.08
14	7.42	6.03	4.72	2.09	3.25	4.26	5.95	7.34	8.02	6.90	6.10	3.26
15	7.35	5.88	4.72	2.14	3.32	4.30	6.02	7.38	8.05	6.96	3.92	3.45
16	7.33	5.42	3.87	2.19	3.38	4.35	6.08	7.39	8.09	7.02	4.22	3.53
17	7.24	5.02	3.50	2.25	3.43	4.39	6.14	7.37	8.12	7.08	4.44	3.53
18	7.17	4.88	3.76	2.30	3.48	4.43	6.17	7.44	8.16	7.15	4.64	3.65
19	7.10	4.99	3.84	2.37	3.51	4.48	6.15	7.45	8.19	7.21	4.84	3.82
20	7.04	5.12	3.30	2.46	3.48	4.53	6.12	7.50	8.23	7.27	4.96	3.92
21	7.00	5.29	2.46	2.58	3.46	4.58	6.18	7.56	8.27	7.33	5.04	3.98
22	6.80	5.43	2.77	2.66	3.42	4.63	6.24	7.60	8.30	7.38	5.06	4.02
23	6.28	5.51	2.77	2.72	3.43	4.67	6.27	7.65	8.33	7.42	5.06	4.03
24	5.95	5.64	2.62	2.77	3.32	4.71	6.22	7.67	8.36	7.43	4.08	4.04
25	5.57	5.76	2.10	2.82	3.42	4.72	6.11	7.69	8.39	7.43	4.29	4.04
26	5.46	5.85	1.85	2.86	3.50	4.77	6.18	7.70	8.42	7.43	....	4.02
27	5.41	5.95	2.24	2.90	3.57	4.84	6.26	7.68	8.45	7.43	....	3.99
28	5.44	6.02	2.10	2.90	3.62	4.91	6.34	7.62	8.48	7.41	....	3.75
29	5.49	....	2.16	2.64	3.67	4.98	6.38	7.60	8.47	7.43	....	3.36
30	5.55	....	2.20	2.65	3.71	5.05	6.43	7.56	8.05	7.45	....	3.34
31	5.57	....	2.09	....	3.75	....	6.49	7.50	....	7.46	....	3.63

Peel County

Observation Well No.: 65  
 Observer: O.M. Schnick  
 Location: Toronto township, Credit Indian Reserve, Range III,  
 lot 13, property of O.M. and J.A. Schnick  
 Type: Used, dug  
 Depth: 31 feet  
 Aquifer: Sand and gravel  
 Recording method: Automatic recorder  
 Records commenced: June 4, 1954  
 Measuring point: Top of cement cover 1 foot above land surface

Daily lowest water level from land surface

1959

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	....	....	....	....	....	24.07	23.95	24.30	24.90	24.92	24.82	24.82
2	....	....	....	....	....	23.99	24.02	24.61	24.62	24.83	24.73	24.95
3	....	....	....	....	....	24.22	24.13	24.41	24.61	25.01	24.88	24.89
4	....	....	....	....	....	24.23	24.41	24.37	24.55	24.84	24.75	24.83
5	....	....	....	....	....	24.26	24.17	24.67	24.83	24.86	24.77	24.90
6	....	....	....	....	....	24.28	23.93	24.68	25.05	24.83	24.88	24.97
7	....	....	....	....	....	24.26	24.00	24.63	25.08	24.77	24.93	24.97
8	....	....	....	....	....	24.22	24.41	24.27	25.21	24.88	24.82	24.85
9	....	....	....	....	....	24.24	24.47	24.88	25.17	24.85	24.83	24.88
10	....	....	....	....	23.95	24.27	24.40	24.80	25.81	24.95	24.79	25.01
11	....	....	....	....	23.84	24.27	24.52	24.70	25.70	24.68	24.81	24.90
12	....	....	....	....	24.04	24.14	24.23	24.62	25.25	24.67	24.78	24.91
13	....	....	....	....	23.92	24.26	24.37	24.92	25.23	24.80	24.80	24.88
14	....	....	....	....	23.85	24.26	24.57	24.88	24.83	24.66	24.88	25.01
15	....	....	....	....	23.86	24.12	24.60	24.97	24.72	24.70	24.81	24.88
16	....	....	....	....	23.87	23.92	24.52	24.97	24.84	24.65	24.85	24.88
17	....	....	....	....	23.98	24.30	24.62	24.94	24.76	24.60	24.82	24.85
18	....	....	....	....	23.92	24.12	24.42	25.00	24.83	24.63	24.76	24.78
19	....	....	....	....	23.78	24.37	24.60	25.05	25.15	24.80	24.83	24.81
20	....	....	....	....	23.88	24.28	24.23	25.11	25.32	24.92	24.82	24.82
21	....	....	....	....	23.86	24.30	24.39	25.10	25.20	24.28	24.82	24.90
22	....	....	....	....	23.85	24.08	24.36	25.04	24.72	24.70	24.82	24.80
23	....	....	....	....	24.00	24.33	24.21	24.60	24.78	24.78	24.96	24.75
24	....	....	....	....	23.77	24.15	24.15	24.60	24.79	24.75	24.78	24.82
25	....	....	....	....	23.87	24.03	24.70	24.90	24.92	24.80	24.86	24.87
26	....	....	....	....	23.87	24.30	24.65	24.72	24.92	24.91	24.80	24.82
27	....	....	....	....	23.88	24.15	24.64	24.60	24.81	24.87	24.80	25.12
28	....	....	....	....	23.77	24.21	24.61	24.52	25.05	24.71	24.92	24.75
29	....	....	....	....	23.88	24.31	24.42	24.80	24.85	24.71	24.90	24.75
30	....	....	....	....	23.90	24.20	24.40	24.78	24.88	24.83	24.98	24.80
31	....	....	....	....	24.09	....	24.62	24.52	....	24.78	....	24.75

Observation Well No.: 69  
 Observer: D. Sherman  
 Location: Toronto township, Credit River Indian Reserve, Range  
 III, lot 13, property of Sherman Sand and Gravel  
 Limited  
 Type: Used, dug  
 Depth: 42.5 feet  
 Aquifer: Sand and gravel  
 Recording method: Manually by tape, weekly  
 Records commenced: July 26, 1954  
 Measuring point: Top of cement cover 9 inches above land surface

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 2	38.42	Feb. 19	38.42	Apr. 2	36.97	May 11	36.93
Jan. 7	38.40	Feb. 27	38.43	Apr. 8	36.82	May 21	37.05
Jan. 14	38.46	Mar. 5	38.29	Apr. 16	36.68	May 26	37.12
Jan. 22	38.49	Mar. 10	37.78	Apr. 21	36.66	June 4	37.31
Jan. 28	38.47	Mar. 18	37.46	Apr. 28	36.78	June 10	37.35
Feb. 5	38.51	Mar. 26	37.21	May 4	36.84	June 16	37.43
Feb. 10	38.46					June 25	37.50



# Perth County

Observation Well No.: 51  
 Observer: A. Morris  
 Location: Fullarton township, Mitchell Road East, lot 16  
 Property of Upper Thames Valley Conservation Authority  
 Type: Dug  
 Depth: 18 feet  
 Aquifer: Sand and gravel  
 Recording method: Automatic recorder  
 Records commenced: Nov. 2, 1957  
 Measuring point: Elevation 109.60 feet

## Daily lowest water level from land surface

1959

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	6.78	4.78	5.42	....	5.53	5.65	6.41	6.12	5.34	5.82	5.49	4.99
2	6.58	4.80	5.42	....	5.54	5.77	6.43	6.15	5.33	5.90	5.48	5.08
3	6.60	4.79	5.40	....	5.43	5.87	6.45	6.21	5.28	5.97	5.46	5.15
4	6.50	4.90	5.38	....	5.42	5.93	6.46	6.25	5.52	6.03	5.36	5.17
5	6.48	5.02	5.35	....	5.47	5.97	6.48	6.30	5.67	6.04	4.19	5.11
6	6.47	5.15	5.14	3.32	5.51	6.02	6.47	6.33	5.78	6.01	4.43	4.96
7	....	5.16	4.38	3.78	5.61	6.06	6.50	6.37	5.87	3.50	4.57	5.35
8	....	5.37	4.42	3.78	5.66	6.08	6.53	6.41	5.94	3.96	4.69	5.54
9	....	5.27	4.49	4.00	5.67	6.11	6.54	6.44	5.97	4.21	4.81	5.70
10	....	5.29	4.58	4.06	5.71	6.13	6.56	6.49	6.03	4.36	4.91	5.83
11	....	5.40	4.60	4.15	5.72	6.15	6.58	6.55	6.08	4.57	5.03	5.87
12	6.58	5.40	4.75	4.23	5.52	6.16	6.60	6.60	6.11	4.73	5.10	5.51
13	5.63	5.35	4.82	4.28	5.57	6.18	6.64	6.69	6.12	4.87	5.07	3.76
14	5.63	5.28	4.82	4.42	5.44	6.20	6.66	....	6.15	5.00	3.08	....
15	5.60	4.90	3.82	4.53	5.52	6.22	6.66	....	6.18	5.15	3.44	....
16	5.42	4.64	4.13	4.67	5.67	6.23	6.67	....	6.21	5.24	3.72	....
17	5.38	4.62	4.28	4.78	5.75	6.26	6.68	5.89	6.23	5.53	4.02	....
18	5.38	4.70	4.30	4.91	5.82	6.27	6.69	6.04	6.25	5.44	4.16	....
19	5.35	4.77	3.72	5.01	5.84	6.28	6.71	5.12	6.26	5.48	4.34	....
20	5.36	4.80	2.92	5.10	5.40	6.29	6.70	6.17	6.28	5.62	4.44	....
21	5.34	4.85	3.47	5.21	5.42	6.31	6.70	6.22	6.30	5.66	4.55	4.76
22	3.60	4.95	3.67	5.29	5.38	6.30	6.71	6.27	6.32	5.68	4.62	4.87
23	3.75	5.00	3.32	5.37	5.32	6.32	6.71	6.31	6.34	5.68	4.54	5.00
24	3.92	5.14	2.56	5.45	4.92	6.33	6.14	6.34	6.36	5.69	4.45	5.11
25	4.11	5.21	2.92	5.50	5.08	6.34	6.02	6.38	5.78	5.57	4.42	5.22
26	4.29	5.28	3.30	5.58	5.24	6.35	6.10	6.40	6.37	5.82	4.54	5.29
27	4.41	5.37	....	5.64	5.31	6.37	6.13	6.36	6.39	5.78	4.62	5.30
28	4.54	5.39	....	5.64	5.49	6.46	6.18	6.28	6.32	5.63	4.69	4.76
29	4.61	....	....	5.54	5.57	6.40	6.19	5.12	5.70	5.55	4.78	4.93
30	4.71	....	....	5.50	5.64	6.40	5.96	5.00	5.74	5.55	4.88	5.12
31	4.77	....	....	....	5.70	....	6.05	4.92	....	5.54	....	5.31

# Simcoe County

Observation Well No.: 7  
 Observer: J.M. Dobson  
 Location: Essa Township, con III, lot 30, Police Village of Angus, Property of Ontario Department of Lands and Forests  
 Type: Used, dug  
 Depth: 20 feet  
 Aquifer: Sand  
 Recording method: Automatic recorder  
 Records commenced: June 6, 1950  
 Measuring point: Top of cement cover 1.5 feet above land surface

## Daily lowest water level from land surface

1959

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	14.34	14.57	14.71	14.04	11.40	11.21	11.58	12.15	12.56	12.82	12.91	12.58
2	14.35	14.57	14.71	13.98	11.38	11.20	11.62	12.16	12.57	.....	.....	12.57
3	14.36	14.53	14.72	13.91	11.38	11.19	11.63	12.18	12.58	.....	12.92	12.56
4	14.37	14.58	14.73	13.84	11.37	11.19	11.63	12.19	12.58	.....	12.93	12.54
5	14.37	14.58	14.73	13.77	11.36	11.19	11.65	.....	12.59	.....	12.92	12.53
6	14.37	14.59	.....	13.70	11.36	11.19	11.68	12.23	12.59	.....	12.92	12.52
7	14.38	14.59	.....	13.60	11.38	11.19	11.70	12.25	12.60	.....	12.92	12.50
8	14.40	14.59	.....	13.43	11.39	11.18	11.72	12.27	12.61	12.82	12.90	12.48
9	14.40	14.59	.....	13.34	11.38	11.19	11.73	12.28	12.62	12.83	12.88	12.47
10	14.40	14.59	.....	13.17	11.37	11.20	11.75	12.30	12.65	12.84	12.87	12.46
11	14.41	14.59	.....	12.98	11.33	11.20	11.77	12.32	12.66	12.83	12.85	12.45
12	14.41	14.63	.....	12.79	11.38	11.18	11.80	12.33	12.67	12.84	12.95	12.43
13	14.41	14.63	.....	12.62	11.38	11.21	11.82	12.35	12.68	12.84	12.85	12.42
14	14.43	14.64	.....	12.47	11.39	11.22	11.84	12.36	12.68	.....	12.95	12.42
15	14.45	14.65	.....	12.33	11.41	11.23	11.85	12.37	12.69	12.86	12.85	12.42
16	14.46	14.65	.....	12.19	11.43	11.25	11.89	12.38	12.71	12.86	12.80	12.39
17	14.47	14.65	14.75	12.18	11.45	11.27	11.91	12.39	12.71	12.87	12.74	12.38
18	14.47	14.65	14.76	11.97	11.46	11.28	11.91	12.40	12.73	12.88	12.74	12.35
19	14.48	14.67	14.76	11.87	11.47	11.29	11.94	12.42	12.74	.....	12.71	12.35
20	14.48	14.67	14.75	11.79	11.49	11.32	11.94	12.44	12.74	.....	12.71	12.33
21	14.49	14.68	14.72	11.73	11.47	11.33	11.96	12.45	12.75	.....	12.69	12.33
22	14.50	14.68	14.62	11.67	11.37	11.38	11.97	12.46	12.76	12.89	12.68	12.32
23	14.50	14.68	14.53	11.62	11.36	11.41	11.98	12.47	12.76	12.89	12.67	12.32
24	14.50	14.68	14.46	11.58	11.34	11.43	12.00	12.49	12.77	12.89	12.64	12.30
25	14.51	14.68	14.40	11.55	11.31	11.45	12.02	12.50	12.77	12.91	12.62	12.30
26	14.51	14.68	14.34	11.52	11.28	11.48	12.03	12.52	12.77	12.92	12.62	12.28
27	14.51	14.68	14.29	11.50	11.27	11.50	12.05	12.53	12.79	.....	12.60	12.27
28	14.51	14.70	14.24	11.47	11.26	11.52	12.07	12.54	12.80	.....	12.60	12.25
29	14.56	14.70	14.19	11.43	11.25	11.55	12.08	12.55	12.81	12.92	12.59	12.23
30	14.57	.....	14.13	11.42	11.23	11.57	12.10	12.55	12.81	12.92	12.59	12.21
31	14.57	.....	14.00	.....	11.23	.....	12.12	12.56	.....	.....	.....	.....

## Waterloo County

Observation Well No.: 32  
 Observer: Elmira Public Utilities Commission Personnel  
 Location: Town of Elmira, Property of Elmira Public Utilities Commission  
 Type: Used, drilled  
 Depth: 118 feet  
 Aquifer: Sand and gravel  
 Recording method: Manually by tape, monthly  
 Records commenced: Nov. 30, 1946  
 Measuring point: Top of nipple 1.16 feet above land surface

## Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 4	22.25	May 3	20.40	Jul. 1	21.48	Oct. 4	23.81
Feb. 1	23.34	May 19	19.95	Aug. 2	21.55	Nov. 1	23.14
Mar. 1	23.90			Aug. 30	22.10		
Mar. 29	22.84						

Waterloo County

Observation Well No.: 33  
 Observer: Elmira Public Utilities Commission Personnel  
 Location: Town of Elmira, property of Elmira Public Utilities Commission  
 Type: Used, drilled  
 Depth: 59 feet  
 Aquifer: Sand and gravel  
 Recording method: Manually by tape, monthly  
 Records commenced: November 30, 1946  
 Measuring point: Airline opening at base of pump 0.3 feet above land surface

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 4	19.20	May. 3	10.63	Jul. 1	14.13	Oct. 4	21.26
Feb. 1	23.67	May 19	8.23	Aug. 2	14.01	Nov. 1	18.33
Mar. 1	24.07			Aug. 30	14.87		
Mar. 29	19.16						

Observation Well No.: 34  
 Observer: J.S. Leslie  
 Location: City of Kitchener, Shoemaker Avenue pumping station  
 Type: Drilled  
 Depth: 370 feet  
 Aquifer: Dolomite  
 Recording method: Manually by tape, monthly  
 Records commenced: September 11, 1946  
 Measuring point: Top of casing 1 foot above land surface, elevation 1058 feet.

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 1	28.97	Apr. 1	27.09	Jul. 1	33.00	Oct. 1	32.28
Feb. 1	31.29	May 1	28.94	Aug. 1	32.43	Nov. 1	33.92
Mar. 1	30.02	Jun. 1	28.27	Sep. 1	33.68	Dec. 1	32.94

Observation Well No.: 35  
 Observer: J.S. Leslie  
 Location: City of Kitchener, Shoemaker Avenue pumping station, property of Kitchener Water Commission  
 Type: Drilled  
 Depth: 196 feet  
 Aquifer: Dolomite  
 Recording method: Manually by tape, monthly  
 Records commenced: September 11, 1946  
 Measuring point: Top of casing 1 foot above land surface, elevation 1058 feet

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 1	22.08	Apr. 1	19.16	Jul. 1	26.38	Oct. 1	30.23
Feb. 1	24.82	May 1	20.69	Aug. 1	22.98	Nov. 1	29.35
Mar. 1	25.14	Jun. 1	20.76	Sep. 1	30.79	Dec. 1	27.45

Waterloo County

Observation Well No.: 59  
 Observer: E.G. Boeckner  
 Location: City of Kitchener, Strange street pumping station, property of Kitchener Water Commission  
 Type: Drilled  
 Depth: 202 feet  
 Aquifer: Dolomite  
 Recording method: Manually by tape, monthly  
 Records commenced: November 29, 1946  
 Measuring point: Top of wooden plank level with land surface, elevation 1070 feet

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 4	52.30	Apr. 5	49.50	Jul. 5	50.90	Oct. 4	53.80
Feb. 1	50.90	May 4	48.80	Aug. 2	52.20	Nov. 1	53.00
Mar. 1	50.70	Jun. 14	53.70	Sep. 6	54.40	Dec. 6	53.70

Observation Well No.: 82  
 Observer: A. Kaufman  
 Location: Kitchener, Bechtel's Tract, property of A. Kaufman  
 Type: Used, drilled  
 Depth: 127 feet  
 Aquifer: Sand and gravel  
 Recording method: Manually by tape  
 Records commenced: May 10, 1958  
 Measuring point: Top of casing at land surface

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Apr. 5	17.60	May 24	17.40	Jul. 16	17.90	Sep. 11	18.00
Apr. 18	17.10	Jun. 1	17.50	Jul. 22	17.90	Sep. 21	17.95
Apr. 27	17.40	Jun. 8	17.55	Jul. 30	17.90	Oct. 16	17.95
May 3	17.50	Jun. 19	17.70	Aug. 10	18.00	Nov. 1	18.00
May 11	17.50	Jun. 27	17.70	Aug. 24	18.10	Nov. 15	17.90
May 18	17.50	Jul. 7	17.80	Sep. 4	18.05	Nov. 28	17.80
						Dec. 19	17.80

Observation Well No.: 83  
 Observer: S. Becker  
 Location: Kitchener, Bechtel's Tract, property of S. Becker  
 Type: Used, drilled  
 Depth: 120 feet  
 Aquifer: Sand  
 Recording method:  
 Records commenced: May 10, 1958  
 Measuring point: Top of casing in well pit 3 feet below land surface

Distances of water level from land surface

1959

Date	feet	Date	feet
Jan. 11	10.00	Jun. 25	10.00
Apr. 12	9.58	Jul. 25	10.02



# Waterloo County

Observation Well No.: 87  
 Observer: O.W.R.C. personnel  
 Location: Waterloo township, Beasley's Lower Block, con II  
 lot 5, property of the Ontario Water Resources  
 Commission  
 Type: Used, drilled  
 Depth: 243 feet  
 Aquifer: Guelph and Lockport formations  
 Recording method: Automatic recorder  
 Records commenced: February 13, 1959  
 Measuring point: Recorder platform 2 feet above land surface

Daily lowest water level from land surface

1959

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	.....	.....	52.39	66.38	.....	.....	.....	.....	.....	.....	.....	63.30
2	.....	.....	52.28	66.25	.....	.....	.....	.....	.....	.....	.....	62.94
3	.....	.....	52.78	54.60	.....	.....	.....	.....	.....	.....	.....	62.70
4	.....	.....	52.80	52.14	.....	.....	.....	.....	.....	.....	.....	63.38
5	.....	.....	52.81	50.72	.....	.....	.....	.....	.....	.....	.....	63.81
6	.....	.....	52.36	58.08	.....	.....	.....	.....	.....	.....	.....	64.20
7	.....	.....	52.72	50.29	.....	.....	.....	.....	.....	.....	.....	64.38
8	.....	.....	52.71	49.20	.....	.....	.....	.....	.....	.....	.....	63.80
9	.....	.....	52.74	49.22	.....	.....	.....	.....	.....	.....	.....	63.82
10	.....	.....	52.84	49.24	.....	.....	.....	.....	.....	.....	.....	70.35
11	.....	.....	52.91	49.07	.....	.....	.....	.....	.....	.....	.....	71.55
12	.....	.....	52.70	48.79	.....	.....	.....	.....	.....	.....	.....	65.80
13	.....	52.78	52.17	48.39	.....	.....	.....	.....	.....	.....	.....	64.30
14	.....	52.88	53.20	48.85	.....	.....	.....	.....	.....	.....	.....	64.90
15	.....	52.89	52.37	48.93	.....	.....	.....	.....	.....	.....	.....	63.85
16	.....	52.35	52.22	48.92	.....	.....	.....	.....	.....	.....	.....	63.70
17	.....	52.63	52.45	49.19	.....	.....	.....	.....	.....	.....	.....	69.20
18	.....	52.50	52.64	.....	.....	.....	.....	.....	.....	.....	.....	62.75
19	.....	52.92	52.16	.....	.....	.....	.....	.....	.....	.....	.....	62.75
20	.....	52.93	52.12	.....	.....	.....	.....	.....	.....	.....	.....	68.00
21	.....	52.82	50.98	.....	.....	.....	.....	.....	.....	.....	.....	68.50
22	.....	52.77	50.68	.....	.....	.....	.....	.....	.....	.....	.....	62.20
23	.....	52.45	50.35	.....	.....	.....	.....	.....	.....	.....	.....	61.60
24	.....	52.95	50.01	.....	.....	.....	.....	.....	.....	.....	.....	64.80
25	.....	52.99	50.10	.....	.....	.....	.....	.....	.....	.....	.....	64.20
26	.....	52.93	61.87	.....	.....	.....	.....	.....	.....	.....	.....	64.37
27	.....	52.96	51.82	.....	.....	.....	.....	.....	.....	.....	.....	64.40
28	.....	52.98	50.08	.....	.....	.....	.....	.....	.....	.....	.....	64.80
29	.....	.....	49.40	.....	.....	.....	.....	.....	.....	.....	.....	64.87
30	.....	.....	63.10	.....	.....	.....	.....	.....	.....	.....	.....	64.53
31	.....	.....	66.02	.....	.....	.....	.....	.....	.....	.....	.....	64.40

## Welland County

Observation Well No.: 2  
 Observer: W.R. Davison  
 Location: Humberstone township, con I, lot 15, property of  
 W.R. Davison  
 Type: Used, drilled  
 Depth: 32.5 feet  
 Aquifer: Limestone  
 Recording method: Manually by tape, monthly  
 Records commenced: June 13, 1946  
 Measuring point: Top of casing 2 feet above land surface, elevation  
 582 feet

Distances of water level from land surface

1959

Date	feet	Date	feet
Sep. 20	11.74	Nov. 20	7.35
Oct. 20	7.68	Dec. 20	6.33

Wellington County

Observation Well No.: 47  
 Observer: H. Theaker  
 Location: City of Guelph, Emma street, property of Guelph  
 Public Utilities Commission  
 Type: Used, drilled  
 Depth: 152.6 feet  
 Aquifer: Dolomite  
 Recording method: Airline readings, monthly  
 Records commenced: February 4, 1954  
 Measuring point:

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 22	59.	Apr. 14	46.	Jul. 14	59.	Oct. 13	61.
Feb. 11	43.	May 4	64.	Aug. 10	63.	Nov. 18	61.
Mar. 20	47.	Jun. 3	56.	Sep. 15	66.	Dec. 9	63.

Observation Well No.: 48  
 Observer: H. Theaker  
 Location: City of Guelph, Metcalfe street, property of Guelph  
 Public Utilities Commission  
 Type: Used, drilled  
 Depth: 202 feet  
 Aquifer: Dolomite  
 Recording method: Airline readings, monthly  
 Records commenced: February 4, 1954  
 Measuring point:

Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 22	110.	Apr. 14	93.	Jul. 14	106.	Oct. 13	107.
Feb. 11	110.	May 4	91.	Aug. 10	108.	Nov. 18	106.
Mar. 20	106.	Jun. 3	98.	Sep. 15	109.	Dec. 9	110.

# York County

Observation Well No.: 20  
 Observer: O.W.R.C. Personnel  
 Location: North York township, con III, H.S.W., lot 9, property of Kilmer Van Nostrand Limited.  
 Type: Drilled  
 Depth: 211 feet  
 Aquifer: Sand and gravel  
 Recording method: Manually by tape  
 Records commenced: August 1, 1947  
 Measuring point: Top of nipple 0.25 feet above land surface

## Distances of water level from land surface

1959

Date	feet	Date	feet	Date	feet	Date	feet
Jan. 13	121.54	May 26	120.88	Aug. 6	120.08	Nov. 3	120.01
Apr. 1	120.96	Jun. 27	121.37			Dec. 1	120.07

Observation Well No.: 40  
 Observer: S. Parker  
 Location: Etobicoke township, con II, fronting Humber, lot 13, property of township of Etobicoke  
 Type: Drilled  
 Depth: 105 feet  
 Aquifer: Gravel  
 Recording method: Automatic recorder  
 Records commenced: Dec. 9, 1954  
 Measuring point: Top of wooden covering, 2 feet above land surface

## Daily lowest water level from land surface

1959

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.03	8.10	7.47	6.20	6.58	7.04	7.30	9.84	8.56	7.95	7.05	7.30
2	7.92	8.10	7.46	5.97	7.60	7.04	7.36	8.85	8.43	7.96	7.37	7.20
3	7.90	8.10	7.38	5.97	7.68	7.00	7.38	8.55	7.99	7.81	7.35	7.17
4	8.08	7.60	7.61	6.20	7.65	7.07	7.29	8.30	8.45	7.84	7.26	7.15
5	8.22	7.83	7.61	6.10	6.70	7.01	7.15	10.77	8.42	7.66	7.13	7.14
6	8.21	8.08	6.76	6.30	6.62	7.00	7.28	12.75	8.35	7.54	7.40	7.02
7	8.10	8.04	7.22	6.34	6.75	7.05	7.35	12.85	8.30	7.53	7.45	7.00
8	8.09	8.02	7.18	6.31	6.85	7.02	9.44	12.50	8.25	7.55	6.83	7.20
9	8.01	8.02	6.98	6.44	6.77	10.90	7.26	12.47	12.25	7.59	7.26	7.25
10	7.98	7.68	7.10	6.46	6.58	10.77	7.20	12.60	12.55	7.62	7.18	7.31
11	8.17	8.16	7.11	6.60	6.70	13.02	7.16	9.55	9.02	7.35	7.13	7.30
12	8.15	8.16	6.72	6.59	12.60	11.75	7.25	8.93	8.80	7.53	6.25	6.97
13	8.05	7.90	7.10	6.45	13.57	8.46	7.30	11.04	8.62	7.53	6.25	7.25
14	8.01	7.83	7.18	6.48	8.10	8.24	7.30	12.04	8.43	7.47	6.35	7.32
15	7.74	7.80	6.99	6.41	7.77	8.01	7.75	11.78	8.23	11.68	7.35	7.11
16	7.63	7.45	6.96	6.60	7.66	7.78	7.20	9.95	8.35	7.95	7.07	7.07
17	7.95	7.26	7.04	6.67	7.54	7.79	10.72	9.25	8.35	7.60	7.12	7.16
18	8.01	7.31	7.14	6.61	7.51	7.75	7.72	9.10	8.38	7.59	7.10	7.08
19	8.05	7.46	6.95	6.66	7.40	7.57	8.05	9.02	8.39	7.62	7.07	7.20
20	8.05	7.46	6.65	6.81	7.42	7.52	8.05	11.08	8.20	7.71	7.08	7.25
21	7.95	7.55	6.55	6.76	7.20	7.47	10.73	9.55	8.05	7.73	7.06	7.25
22	7.84	7.59	6.68	6.72	7.23	7.47	12.97	8.92	8.07	11.08	7.11	7.31
23	7.90	7.42	6.53	6.67	7.35	7.51	12.22	8.86	8.06	7.45	7.03	7.31
24	7.82	7.69	6.51	6.75	7.23	7.50	8.65	8.67	9.94	7.10	7.16	7.25
25	7.79	7.69	6.49	6.70	7.20	7.38	8.42	10.60	8.32	7.30	7.15	7.08
26	7.79	7.55	6.47	6.83	7.40	7.34	8.26	12.17	8.05	7.35	7.33	7.06
27	7.79	7.63	6.65	6.73	7.34	7.35	8.09	9.52	8.05	7.60	7.28	6.97
28	7.79	7.58	6.66	6.62	7.24	7.29	7.97	9.06	8.31	7.63	7.18	6.80
29	7.74	....	6.63	6.32	7.10	7.32	10.72	9.45	8.05	7.64	7.22	6.67
30	7.82	....	6.53	6.47	7.09	7.37	13.08	8.70	8.02	7.57	7.25	6.99
31	8.00	....	6.46	....	7.11	....	12.67	8.57	....	7.28	....	7.12

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED,  
1959

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed
<b>ALGOMA DISTRICT</b>		
Bonnin, F.V.	9 Steven St. Sault Ste. Marie	5
Chapman, C.W.	Batchawana Bay	5
Clearwater Drilling & Supply Co.	Box 1, Sault Ste. Marie	16
Coulter, S.	Echo Bay	6
Grextan, J.A.	Bruce Mines	5
Hurley, B.H.	R.R. 1, Echo Bay	0
McClelland, S.M.	Echo Bay	10
McCulloch, W.R.	R.R. 1, Sault Ste. Marie	0
Parr, C.	640 Shaeffer Ave. Sault Ste. Marie	0
Sharp, C.	R.R. 1, Sault Ste. Marie	
<b>BRANT COUNTY</b>		
Davis, I.L.	131 Campbell St. Brantford	4
Lindsay, H.C.	R.R. 1, Brantford	0
<b>BRUCE COUNTY</b>		
Currie, A.	Dobbinton	0
Weirmier, L.H.	Chesley	13
Weirmier, R.L.	Chesley	0
Wright, D.	R.R. 5, Wiarton	11
Wright, E.	Warton	1
Wright, L. & A.	Box 62, Wiarton	21
Wright, R. & S.	Warton	34
Wright, S. & O.	Box 371, Wiarton	14
<b>CARLETON COUNTY</b>		
Adams T.H.	Hurdman's Bridge	16
Blair Phillips Drilling Co. Ltd.	1119 Palaise Rd., Ottawa	70
Charbonneau, G.	Box 194, Orleans	34
Cossette, F.R.	1652 Baseline Road, Ottawa	44
Cossette, M.	120 Tabor St., Eastview	10
Cossette, V.	31 Maisonneuve St., Eastview	12
Cossette, W.	1652 Baseline Road, Ottawa	4
Dufresne, C.	103 Sweetland Ave., Ottawa	10
Dufresne, J.B.	1014 Maitland Ave., Ottawa	81
F.E. Johnston Drilling Co., Ltd.	1340 Bank St., Ottawa	34
Giroux, Y.	Cyrville	7
Kettles, J.R.	R.R. 1, Ramsayville	17
King, W.J.	48 Kempster St., Britannia Heights	15
Macdary, D.	Kinburn	29
McLaughlin, M.	Ashton	7
McLean Water Supply	1532 Raven Ave., Ottawa	67
Meagher, M.	639 Rowanwood Ave., Ottawa	42
Moloughney, W.	51 McEwan Ave., Ottawa	39
Sparks, B.E.	4 McEwan Ave.	49
Sparks, F.P.	Stittsville	24
Sparks, K.	South March	16
Sparks, W.M.E.	413 Edgeworth Ave., Ottawa	44
<b>COCHRANE DISTRICT</b>		
Dubeau, N.	313-7th Ave., Cochrane	7
Fillon, P.	Moonbeam	4
Don Groleau Diamond Drilling	691 Murdock St., Noranda Que.	86
Longstreet, E. Jr.	263 Hemlock St., Timmins	9
Longstreet, J.B.	Matheson	20
Longstreet, T.	Matheson	8
Noel, D.	250 Riverside Drive, Timmins	4
Robetaille, E.	Ramore	3
<b>DUFFERIN COUNTY</b>		
Shropshire, C.	R.R. 5, Orangeville	1
Smith, C.	31 Wellington St., Orangeville	32
<b>DUNDAS COUNTY</b>		
Campbell, B.W.	Box 356, Chesterville	4
Casselman, R.H.	Box 29, Williamsburg	51
Lewis, W.	R.R. 2, Brinston	0
Simzer, I.	Mountain	41
<b>DURHAM COUNTY</b>		
Challice, W.F.	R.R. 1, Millbrook	23
Fulton, G.B.	R.R. 3, Bowmanville	11
Helford, R.	R.R. 2, Port Hope	59
Hoskin, L. & G.	Burketen	7
Walsh, R.	68 Cavan St., Port Hope	



APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1959

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed
<b>ELGIN COUNTY</b>		
Hoover, E. & Sons	307 Talbot St. East, Aylmer	23
Hoover, L.	307 Talbot St. East, Aylmer	*
Locker, W.E.	R.R. 2, Vienna	20
McBeth, W.L.	Box 681, Aylmer	6
Norman, C.	R.R. 1, Corinth	2
Reicheld, F.W.	Box 193, Port Stanley	4
Warren, C.	Sparta	15
<b>ESSEX COUNTY</b>		
Abbott, M.	R.R.1, Kingsville	4
Hernandez, E.M.	Box 262, Harrow	5
Hernandez, M. & Son	Box 262, Harrow	19
Hicks, J.R.	South Woodslee	0
Hutchins, S.A.	R.R.2, Amherstburg	13
Johnston Bros. c/o M. Johnston	R.R.3, Essex	4
LeClaire, H.	Comber	1
Leveque	2015 Westminster, Windsor	2
Lucier Well Drilling	R.R.1, McGregor	30
McRae, D.M.	R.R.3, Essex	0
Smith, C.	R.R.2, South Woodslee	0
Smith, J.H.	R.R.2, Essex	1
Sundin, D.	R.R.1, Kingsville	20
Sundin, G.	R.R.1, Kingsville	2
Sundin, L.	R.R.1, Kingsville	8
Wilkinson, A.	R.R.3, Leamington	2
Williams, M.J.	R.R.5, Leamington	14
<b>FRONTENAC COUNTY</b>		
Davey, G.H.	R.R.4, Kingston	3
Davy, W.H. & Son	Verona	138
Eastern Ontario Diamond Drilling	Sharbot Lake	33
Cecil Goodberry Well Drilling Ltd.	196 Indian Rd., Kingston	114
Jack Knox Well Drilling	Westbrook	66
Miller, W.G.	1203 Division St., Kingston	2
Wales, R.C.	20 Lakeview, Reddondale	29
<b>GLENGARRY COUNTY</b>		
Ferguson Thresher Co.	Box 227, Moxville	17
Roy & Son, Reg'd	Apple Hill	25
<b>GRENVILLE COUNTY</b>		
Lackey, N.	Burritt's Rapids	19
Rathwell, H.J.	R.R.2, Merrickville	9
<b>GREY COUNTY</b>		
Abercrombie & Jackson	Clarksburg	30
Bellerby, M.S.	R.R. 4, Owen Sound	9
Durham Drillers	Box 299, Durham	26
Pratt Bros.	R.R.4, Durham	17
Wright, W.	881 3rd Ave., Owen Sound	28
<b>HALDIMAND COUNTY</b>		
Caughell Bros. Well Drillers	R.R. 4, Dunnville	6
Cayuga Quarries, Ltd.	R.R. 4, Cayuga	1
Culver, M. & Son	R.R. 2, Selkirk	8
Dennis, G.A. & Sons	Selkirk	28
Featherstone, R.D.	245 Dumfries, Caledonia	11
Mandley Drilling Contractors, Ltd.	415 Church St., Dunnville	0
McClung, K.	R.R. 1, Caledonia	1
Ricker, E.A. & Sons	Conboro	2
Sniesler, I.	Main St. North, Jarvis	4
Stewart, E.	R.R. 3, Jarvis	24
Stewart, H.	R.R. 3, Jarvis	7
<b>HALIBURTON COUNTY</b>		
Rabb Diamond Drilling	88 Spruce Ave., Cardiff	5
<b>HALTON COUNTY</b>		
Core, R.P.	Box 442, Milton West	3
F.M. Dennis Drilling Co.	11 Byron St., Georgetown	27
Jacobson, D.P.	175 Main St. North, Georgetown	8
Huttan, B.	R.R. 2, Milton	55
Sprowl, J.R.	R.R. 4, Acton	57
Sprowl, J.C.	R.R. 4, Acton	*

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1959

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed
<b>HASTINGS COUNTY</b>		
Donaldson T. & Son	56 Holmes Rd., Belleville	80
Fraser, C.J.	Box 293, Marmora	61
Jones, H.E. & Sons	R.R. 2, Trenton	99
Taylor, E. & Sons	Madoc	16
<b>HURON COUNTY</b>		
Davidson, F.L.	Box 137, Wingham	1
Sturdy, F.	Scott St., Wingham	*
Davidson, G.L.	Box 486, Wingham	67
Hopper, W.D. & Sons	R.R. 2, Seaforth	64
Hopper, D.N.	R.R. 2, Seaforth	*
<b>KENT COUNTY</b>		
Campbell, R.M.	Main St., Morpeth	8
English, H.	R.R. 4, Blenheim	1
Faubert, D.L.	Paincourt,	8
Kemp, R. & R.	R.R. 3, Tilbury	0
Lather, R. & V.	R.R. 3, Bothwell	6
Lecuyer, D.P.	234 Inshes Ave., Chatham	28
L'Ecuier, O.	57 Joseph St., Chatham	24
McDonald, H.	609 Duke St., Wallaceburg	21
McCaffrey, E.R.	Box 55, Bothwell	9
McCaffrey, R.	Chestnut St., Bothwell	0
Marsh, W.G.	Bothwell	3
Rice, G.	R.R. 1, Fletcher	29
Rumble, E.	R.R. 5, Blenheim	4
Simpson, R.W.	R.R. 2, Dresden	55
Smith, J.E.	R.R. 3, Dresden	8
Smith, S.H.	R.R. 3, Port Alma	17
Travis, C. & Handsor, C	R.R. 1, Fletcher	1
Tyhurst, R.	R.R. 3, Dresden	0
Wade, D.	R.R. 5, Wallaceburg	38
Webster, R.	R.R. 2, Northwood	6
Zimmer, S.	17 Jeffrey St., Chatham	1
<b>LAMBTON COUNTY</b>		
Brandon, H.	Courtright	7
Conlon, V.	R.R. 1, Port Lambton	5
Douglas, D.A.	R.R. 1, Wilkesport	3
Heal, A.A.	Box 264, Watford	61
Ward, M.E.	R.R. 4, Watford	*
Jackson, F.W.	Michell's Trailer Camp, Bright's Grove	6
Kimball, O.	R.R. 2, Oil Springs	6
King, W.	244 Rose St., Sarnia	5
Marsh, R.	R.R. 1, Wilkesport	3
Rawson, L.	R.R. 3, Petrolia	22
Rendle, F.	Box 165, Forest	9
Thrower, C.	R.R. 3, Watford	3
Webster, C.	Box 369 Petrolia	3
<b>LANARK COUNTY</b>		
Coleman, W.C.	Box 64, Carleton Place	6
Nugent, W.V.	Lanark	42
Stanton, A.	Graham St., Pakenham	31
Thompson Bros.	R.R. 3, Lanark	27
Willits, G.D.	41 McGill St, North, Smith Falls	0
<b>LEEDS COUNTY</b>		
Davis, H.	Jellyby	49
Davis, T.	Jellyby	8
Kenny, R.	R.R. 2, Lyndhurst	33
Smith, J.A.	Lyndhurst	*
Little, G.V.	R.R. 2, Addison	14
McCarthy, F.J.	Newboro	39
Miller, R.H.	97 King St. East, Brockville	63
Robertson, C.	North Gower	*
Morrison, C.V.	Frankville	86
Morrison, G.	Athens	5
Thompson, L.O.	18 Home St., Brockville	15
Morrison, A.E.	R.R. 1, Easton's Corners	*

APPENDIX B - LISCENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1959

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed
<b>LENNOX &amp; ADDINGTON COUNTY</b>		
Campbell, L.	R.R. 1, Newburgh	28
Chalk, G.H.Jr.	R.R. 6, Napanee	96
Chalk, G.S.	Box 435, Napanee	26
Miller, R.V.	Camden East	2
Richmond, T.A.	Roblin	8
<b>LINCOLN COUNTY</b>		
Field, W.L. & Son	R.R. 1, Vineland	31
Lounsbury, W.A. & Son	30 Dunlop Dr., St.Catharines	44
Merritt, F.	R.R. 1, Smithville	21
Merritt, S.W.	R.R. 1, Smithville	53
Packham, W.	R.R. 1, Smithville	85
<b>MANITOULIN ISLAND</b>		
Wright, D.	Manitowaning	4
<b>MIDDLESEX COUNTY</b>		
Dale, W.	R.R. 2, Wilton Grove	41
Demaray & Nichols	R.R. 1, Kerwood	0
Dodson, B.C.	R.R. 1, Glanworth	0
Dolphin & Earl	Strathroy	18
D. & S. Drilling	91 Brampton Rd., London	9
Earl, S.	R.R. 2, Kerwood	24
Lather, A.	R.R. 3, Bothwell	*
Evans, G.	Victoria St., Glencoe	1
Hussey, E.B.	Main St., Lucan	0
International Water Supply Ltd.	Box 816, London	265
Johnston, J.B.	786 Little Hill St., London	13
Lounsbury, I.T.	35 Woodward Ave., London	20
McAlpine, A.S.	Walkers	0
Newport, W.	R.R. 1, Wardsville	2
Siegrist H.T.	R.R. 5, London	20
Smith, R.	R.R. 3, Denfield	23
Wincharuk	584 Central Ave., London	1
<b>MUSKOKA DISTRICT</b>		
Hammond, F.C.	Box 592, Huntsville	69
Kimberley, W.J.	Gravenhurst	23
<b>NIPPISSING DISTRICT</b>		
Bradley, S.	R.R. 1, Sturgeon Falls	30
Brochu, W.C.	116 Hyland Rd., North Bay	
Canadian Longyear Co.	1111 Main St.W, North Bay	5
Gateway Well Drilling & Soil Testing	1212 Beatty St., North Bay	33
Inspiration Mining & Development	170 Regina St., North Bay	8
J. & J. Well Drilling	R.R. 2, Cedar Heights, North Bay	46
Jutras Const. & Diamond Drilling Co	Box 322, North Bay	78
Pilon, J.L. Ltd.	Box 626, North Bay	1
Sargent, G.	Callander	0
<b>NORFOLK COUNTY</b>		
Belore, W.A.	Courtland	14
Hodgson, L. & Sons	R.R. 1, Walsingham	17
Hodgson, R.	R.R. 1, Vittoria	23
Linton, S.	R.R. 7, Simcoe	6
Norfolk Water Well	Water St., Vittoria	5
Strome, C.	John St., Langton	5
Swayze, R.	R.R. 5, Simcoe	39
Van Kessel, T.	179 Sherman St., Simcoe	14
<b>NORTHUMBERLAND COUNTY</b>		
Bailey, J.	Front St. North, Campbellford	29
Gilbert, N.	R.R. 2, Baltimore	18
Reycraft & Day	176 Church St., Campbellford	14
Summers, B.	Box 33, Trent River	59
Summers, J.W.	Box 231, Colborne	19
<b>ONTARIO COUNTY</b>		
Hunt, B. :	R.R. 1, Highland Creek	16
*Ward, W. & W.	225 Welton St., Oshawa	14

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1959

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed
<b>OXFORD COUNTY</b>		
Burwell, W.L.	R.R. 4, Tillsonburg	3
DeGroat, S.	R.R. 3, Tillsonburg	4
Dodge, W.P.	49 Ball St., Tillsonburg	0
Haskell, B.	Bright	11
Hooper, E.B.	R.R. 2, Ingersoll	0
McLeod, K. & Son	R.R. 2, Ingersoll	38
Stefan, J.	R.R. 1, Peinceton	15
Steinman, N.	R.R. 1, Bright	28
Warren, G.	Box 393, Tillsonburg	71
Weaver J.H. & Son	332 Tillson Ave., Tillsonburg	45
<b>PEEL COUNTY</b>		
Burton, W.	R.R. 3, Streetsville	1
Burton, J.L.	57 Royce Ave., Brampton	10
Core, W.E.	161 Queen St. E, Brampton	13
Jackson, E.E.	Box 103, Brampton	8
Jacobson, P.D.	1426 Indian Grove, Port Credit	0
McCauley, S.	Mono Road	19
McClure, C.	R.R. 1, Inglewood	11
McClure, K.	R.R. 1, Inglewood	10
Rice, S.S.	27 Mill St., Streetsville	0
** Dick, R.	Bolton,	9
<b>PERTH COUNTY</b>		
Keeso, C.H.	R.R. 1, Listowel	24
<b>PETERBORO COUNTY</b>		
Faulkner, N.N.	687 Water St., Peterboro	178
Griffith, C.	R.R. 2, Warsaw	11
McNeely, P.A.	R.R. 1, Lakefield	18
Macdonald, L.B.	Strickland St., Lakefield	28
Otonabee Water Wells Ltd.	Indian River	26
Sanderson, W.	134 Maria St., Peterboro	201
S.Stockdale Well Drilling Co.	R.R. 2, Peterboro	77
<b>PRESCOTT COUNTY</b>		
Trudeau & Fils Ltd.	200 Blvd Metropolitain, Box 10 ST.Anne de Bellevue, Que	16
<b>PRINCE EDWARD COUNTY</b>		
McClennan, L.H.	Wellington	69
Holston, H.R.	Main St., Bloomington	28
<b>RENFREW COUNTY</b>		
Law, G.H.	R.R. 2, Calabogie	31
Marguardt, V.H. & Sons	Schutt	27
Presley, K.	Box 810, Arnprior	14
<b>RUSSELL COUNTY</b>		
Bourgeois & Sanche	St. Albert	29
Cayer, M.	R.R. 1, St. Albert	18
Christie, W.C.	Vars	17
<b>SIMCOE COUNTY</b>		
Bartley, C.	R.R. 3, Collingwood	9
Brown, C.E.	Midhurst	1
Cameron, A.	R.R. 1, Midhurst	15
Corner, F.	Box 51, Lefroy	1
Coupland, M.	R.R. 2, Barrie	32
Hammers, H.	40 Rose St., Barrie	54
Horan, H.	R.R. 4, Tottenham	6
Howell, L.	Coldwater	5
McLean, J.	Edgar	0
Nimmo, R.	302 Birch St., Collingwood	30
Northern Sanitation Co.	21 James St., Orillia	1
Vollick, G.	R.R. 3, Elmvale	2
Whan, W.J.	Belle Ewart	0
Wright, F. & Son	265 Maple St., Collingwood	35



APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1959

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed
<b>STORMMOUNT COUNTY</b>		
Bourdon, A.	20 Fennell Cres., Cornwall	35
Gauthier, A.	R.R. 3, Chesterville	29
Leduc, M.	Crysler	0
Murray, M.	Martintown	0
Poliskin Well Drillers	905 Edythe Ave., Cornwall	20
Ranger, O.	R.R. 1, Moose Creek	5
<b>SUDBURY DISTRICT</b>		
Azilda Drilling	30 Marier St., Azilda	13
Campbell, R.	R.R. 2, Chelmsford	3
Castonguay, P.C.	Chelmsford	0
Corcoran, G.	Box 192, Lockerby	1
Davis, L.E.	Box 317, Lockerby	29
Lovallee, L.C.	Chelmsford	14
Lovallee, C.L.	Chelmsford	*
Sudbury Diamond Drilling	375 LeForest Ave., Sudbury	9
Worthington Well Drillers	R.R. 1, Worthington	9
<b>THUNDER BAY DISTRICT</b>		
Maley, J.	R.R. 3, Fort William	4
<b>TIMISKAMING DISTRICT</b>		
Blain, T.	R.R. 1, New Liskeard	3
Cochrane, W.	Queen St., North Cobalt	14
Dondrell, T.	R.R. 2, Charlton	1
Lafromboise, R.	Box 71, Earltton	1
Marceux, J.	Nedelec, Que.	1
Parcher, E.R. Diamond Drilling	34 Nickel St., Cobalt	9
<b>VICTORIA COUNTY</b>		
Baldwin, W.H. & Sons	R.R. 1, Kirkfield	46
Benson, F.	R.R. 1, Kirkfield	0
Hart, G.	R.R. 1, Fenelon Falls	43
Hart, K.	R.R. 1, Fenelon Falls	59
Hart, D.	Oshawa	*
Henderson, J.E.	103 Elgin St., Lindsay	92
Lang, F.G.	R.R. 1, Omemee	*
King, E.	Little Britain	4
Steeves, G.	Box 13, Argyle	0
Weaver, C.D.	Coboconk	16
<b>WATERLOO COUNTY</b>		
Kerber, A.	General Delivery, Waterloo	1
Kerr, C. & H.	133 Asmus St., New Hamburg	26
McLaughlin, E. & Sons	244 Erb St. West, Waterloo	48
Sauder, E.	Box 403, Moorefield	12
Sauder, J.	R.R. 1, Wallenstein	11
Schmear, W.	33 Sandra Ave., Kitchener	1
Shantz, L.C.	R.R. 1, Preston	22
<b>WELLAND COUNTY</b>		
Allard Bros. Const. Diamond Drilling	51 Lyons Ave., Welland	13
Culver, O.	Box 57, Stevensville	3
Deshales, M.	R.R. 1, Stevensville	0
Hallborg, L.	R.R. 1, Port Colborne	41
McIntyre, W.K.	298 Humboldt St., Port Colborne	2
Schooley, R.	R.R. 3, Port Colborne	28
Winger, W.	209 Emerick Ave., Port Erie	26
Young, D.	R.R. 2, Welland	3
<b>WELLINGTON COUNTY</b>		
Cudney, J.	Salem	17
Gadke, R.H.	R.R. 1, Clifford	17
Gow, O.H.	Fergus	4
Graham, J.L.	R.R. 3, Guelph	63
Hill, C.	R.R. 2, Elora	47
Keeso, E.A.	Box 43, Clifford	30
Murray, J.E.	Hendrie St., Moorefield	0

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS  
AND NUMBERS OF WELLS CONSTRUCTED  
1959

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed
<b>WENTWORTH COUNTY</b>		
Anderson, J.A.	Freelton	0
Ashbaugh, D.B.	Glenford Station	7
Comfort, H.W.	137 Corman Ave., Stoney Creek	6
Constable, E.	R.R. 2, Box 33, Hannon	56
Cross Bros.	Ryckman's Corners	54
Doyle, E.	308 Kenilworth S., Hamilton	33
Embleton, R. & Son	R.R. 3, Hamilton	18
Gill, S.	55 Alpine Ave., Hamilton	51
Ince, F.L.	Ryckman's Corners	67
O'Connor, B.	40 Union, Watertown	17
Pegg, E.	R.R. 4, Dundas	1
Scriven, W.E.	R.R. 3, Hannon	60
Wallis, G.J.	R.R. 5, Hamilton	74
<b>YORK COUNTY</b>		
Agnew, J.L.	R.R. 1, King	2
Babuik, M.	590 Burnhamthorpe Rd., Toronto	52
Babuik Well Boring	126 Laurel Ave., Toronto	78
Bennett, W.	Milliken	0
Bingham, J.	R.R. 2, Stouffville	1
Boadway, F.R.	Suttan West	105
Challoner, R.F.	15 Johnston Ave., Thornhill	12
Constable, F.	R.R. 2, Woodbridge	22
Findlay, B.	75 Northwood Dr., Newtonbrook	12
Fockler, G.	Box 63, Ringwood	10
Gartshore, F.	Sharon	15
Gascon, R.	R.R. 1, Gormley	0
Gerrits, F.	R.R. 2, Aurora	24
Harrison, F.	1223 Yonge St., Thornhill	10
Hollingshead, F.	Box 17, Holland Landing	3
Horan, J.E.	37 Kerr Rd., Toronto	7
Huffman, B. & Sons	494 Lakeshore Rd., Mimico	26
Jefferson Drilling Co.	Box 31, Oak Ridges	3
Keswick Well Drilling Co.	Elmhurst Beach, Keswick	24
King City Well Drilling Co. Ltd.	Box 192, King City	40
W. Bishop	R.R. 1, Gormley	*
Lougheed, D.S.	33 Niagara St. N., Newmarket	41
McKnight, A.	63 Nipigon Ave., Willowdale	0
Moore, J.	447 Ontario St., Newmarket	19
Ontario Well Digging Co.	R.R. 1, Newmarket	127
Reliance Well Drilling	Keswick	11
Renwick, J.W.	R.R. 2, Gormley	7
Renwick, R.B.	Thornhill	1
Rutledge, C.H.	Nobleton	16
Snider, C.E.	R.R. 1, Woodbridge	23
Spatuck, F.	166, Close Ave., Toronto	3
Thomas, A.J.	River Glen Dr., Keswick	14
White, T.	R.R. 2, Stouffville	11
**Wilson, W.	R.R. 2, Gormley	18

\* Wells constructed by a borer or driller, working as an employee are recorded against the employer.

\*\* Borers permitted to bore without licence until boring contractor's licences became available.

## APPENDIX C

### Records for Water Wells Drilled in 1959

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959.

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Adams District Aberdeen Twp. lot 3	J. Forsyth	A. Bonlter	June 19	2	-	-	-	Fresh	D	Blue clay, sand clay 90; gravel 12; quicksand 113; gravel 114. Water from 113 to 124.
Bournot Twp. Unsurveyed area	Charles Fells Power & Water	Don Johnson Diamond Drilling	July 11	2	2	23	10	Fresh	P	Clay 5; granite 133. Water at 170.
Bruce Mines Bruce Mines	Hume for Aled	J.A. Greston	July 23	2	-	-	-	Fresh	P	Candy clay boulders 78; hard dark rock 80. Dry hole.
Bruc Mines	A. Hagg	"	July 20	2	7	10	0	Fresh	P	Clay gravel, stones 78; hard granite 23. Water at 2.
Bruc Mines	Core for Aled	"	Sept. 13	2	7	12	5	"	P	Boulders 8; hard gray rock 59. Water at 45.
Bruc Mines	United Church	"	Oct. 1	2	7	15	8	"	P	Sand gravel 18; hard dark rock 101. Water at 86.
Elliot Lake	Travel Mine	International Water Supply	Oct. 15	5	50	23	7	Fresh	P	Dabase rock 55. Water at 55.
Penwick Twp. Sec. 25	P.V. Bonnin	P.V. Bonnin	Aug. 14	2	1/2	Flows	Flows	Fresh	D	Silty sand 52; gravel boulders 70; boulders 97; bedrock. Water at 97.
Hilton Twp. Con x	D. Nelson	Clearwater Drilling & Supply	July 29	5	5	15	10	"	D	Sandy clay 6; sand 14; quicksand 46; red clay 31; hardpan 55; gravel sand 117; hardpan. Water at 95 to 117.
Jocelyn Twp. Huron Con. lot 31	P. Vent	Clearwater Drilling & Supply	July 16	5	3	20	15	Fresh	D, S	Top soil 2; sandy clay boulders 20; limestone 50. Water at 50.
Needish Con. " 34	B. Robertson	"	July 2	5	-	-	-	-	D	Top soil 3; clay gravel 10; soft limestone 83. Water at 83. Sand 100; clay 160; quicksand 168. Dry hole.
Johnson Twp. Descartes loc. lot 6	R.T. Jos	Clearwater Drilling & Supply	Aug. 15	5	2	30	15	Fresh	D	Soil 2; red clay 55; sand coarse gravel 62. Water at 82.
Koran Twp. Sec. 19	G. Woods	Clearwater Drilling & Supply	Oct. 15	2	-	-	-	-	-	Sand 70; quicksand 80; sand clay 200; boulders sand 210. Dry hole.
Sec. 22	E.G. Richards	"	May 20	2	2	160	140	Fresh	D	Sand 255; gravel 258. Water from 256 to 259.
Sec. 26	G. Seoin	G.W. Chapman	May 29	2	3	Flows	Flows	"	D	Clay 75; clay sand 182; sandstone 155. Water from 90 to 135 and from 143 to 155.
Sec. 26	G. Osterholme	P.V. Bonnin	Sept. 14	2	20	"	"	"	C	Sand loam 1; sand 5; clay 109; hardpan boulders 117; red stone 137. Water at 137.
Sec. 27	J. Sharp	"	June 12	2	6 1/2	"	"	"	D, S	Clay 184; gravel sand 179. Water from 164 to 173.
Sec. 27	M. Case	"	Nov. 20	2	8	"	"	"	D	Black muck 3; clay 103; quicksand 203; clay sand 287; gravel 263. Water at 271.
Sec. 28	A. Sharp	"	Aug. 29	2	2	2	7	"	D	Clay 53; coarse sand 55. Water at 53.
Sec. 33	A. Mauro	G.W. Chapman	May 14	2	2	15	7	"	D	Lavers clay hard silt 120; sand stones 125; boulders 131; sand- stone 150. Water from 126 1/2 to 150.
Sec. 33	E. Gardner	Clearwater Drilling & Supply	May 21	2	7	12	9	"	D	Loam 2; clay 30; silt 100; gravel sand 103; sandstone 128. Water from 120 to 128.
Sec. 33	P.E. Mills	G.W. Chapman	May 23	2	13	16	9	"	D	Sand 5; clay 70; clay silt 35; stone 106; sandstone 107 1/2. Water from 105 1/2 to 107 1/2.
Sec. 33	A. Ghen	"	May 29	2	2	2	15	"	D	Candy loam 3; red clay 91; gravel sand 110. Water from 91 to 110.
Sec. 33	G. Hott	"	Aug. 27	2	5	22	2	"	D	Sand 2; red clay 91; sand gravel 116. Water from 99 to 116.
Sec. 33	A. Murchy	"	Aug. 27	2	10	22	2	"	D	Sand 2; red clay 91; gravel 76. Water from 99 to 116.
Sec. 33	A. Pasoloco	"	Jan. 15	2	50	20	5	"	D	Sand 2; red clay 100; gravel sand 117; rock. Water from 100 to 117.
Sec. 33	A. Fore	P.V. Bonnin	May 15	2	5	55	40	"	D	Sandy loam 13; red clay 82; boulders hardpan sand 139; red sand- stone 130. Water at 125.
Sec. 33	D. Bernard	"	June 7	2	2	85	63	"	D	Sand loam 3; red clay 47; boulders hardpan 59; sandstone 89. Water from 59 to 89.



Locality	Section	Twp.	P. V. Bonnin	Oct. 29	2	3	79	77	Fresh	D	Sandy loam 1; red clay 50; boulders 68; sandstone 80. Water from 70 to 80.
Laird Twp.	Sec. 5	N.W. 1/4	P. Derosbie	Oct. 1	2	< 1/2	Flows	Flows	Fresh	D	Blue clay 173; gravel 174. Water from 173 to 174.
Sec. 6	S.E. 1/4		W. Barley	June 16	2	< 1/2	"	"	Fresh	D	Red clay 100; red grey clay 163; sand gravel 169. Water from 163 to 169.
Sec. 29	S.W. 1/4		V. Hamble	Sept. 10	2	1	"	"	"	D	Red clay 66; boulders mud 68. Water from 66 to 68.
Lefroy Twp.	Sec. VIII	S.W. 1/4	H. Irwin	July 8	2	1	20	0	Fresh	D	White clay 31; gravel 34. Water from 31 to 34.
Macdonald Twp.	Sec. 3	N.W. 1/4	W. Breymer	Aug. 22	2	-	-	-	-	D	Grey clay 304; rock. Dry hole.
Sec. 10	N.W. 1/4		A. B. Huston	Aug. 8	2	5	Flows	Flows	Fresh	D	Red clay 160; red grey clay 252; gravel sand 266. Water at 252 to 266.
Sec. 17	S.W. 1/4		H. Goodridge	Nov. 20	4	1	100	6	"	D	Quicksand clay 180; blue clay 209; sand changing to gravel 211. Water at 211.
Sec. 18	S.E. 1/4		M & J Clement	July 1	4	1	Flows	Flows	"	C	Clay quicksand 100; clay 120; sand changing to gravel 126.
Sec. 18	S.E. 1/4		L. Cooper	Sept. 18	4	3	65	10	"	D	Clay 58; hard sand to gravel 65; rock. Water from 58 to 65.
Sec. 20	N.W. 1/4		S. M. McClelland	May 22	2	1	64	0	"	D	Clay 5; red grey clay 168; hard blue rock 172. Water from 170 to 172.
Sec. 20	N.W. 1/4		S. Coulter	June 5	2	1	Flows	Flows	"	D	Clay quicksand 80; clay 140; sand changing to gravel 144. Water from 140 to 144.
Sec. 20	N.W. 1/4		D. Howard	July 29	2	1	20	2	"	D	Red clay 35; gravel 37. Water at 35.
Sec. 21	N.W. 1/4		T. Spin	June 20	2	10	Flows	Flows	"	D, S	Loam 5; sand 35; red clay 195; gravel 204. Water from 195 to 204.
Sec. 25A	N.E. 1/4		C. Mills	Sept. 7	4	3	"	"	"	D	Clay 80; gravel 83. Water from 80 to 83.
Sec. 29	S.W. 1/4		M. Hurley	July 4	2	45	20	1	"	D	Red clay 39; gravel 45. Water at 36.
Parke Twp.	Sec. 24	S.E. 1/4	C. B. Gartshore	Aug. 1	2	50	20	3	Fresh	D	Sand 8; red clay 62; sand 65; red clay 90; gravel 101; rock. Water from 62 to 65 and from 90 to 101.
Sec. 27	S.E. 1/4		C. Sharp	July 24	2	1	Flows	Flows	"	D	Sand 10; red clay 170; sand gravel 182. Water from 170 to 182.
Plummer Additional	Con IV	lot 5	Ont. Dept. of Highways	Oct. 13	7	5	70	6	Fresh	P	Clay 7; blue limestone 47; granite 79. Water at 31.
St. Joseph Twp.	Con C.	lot 5	L. Elliot	May 22	5	5	7	5	Fresh	D	Loam 2; sand gravel 10; clay sand 35; gravel 38. Water from 35 to 38.
Con C	" 9	S. Stone	Clearwater	May 8	5	3	14	8	"	D	Large rocks sandy soil 8; limestone 28. Water at 26.
Con D	" 11	R. Craig	Drilling & Supply	Aug. 7	5	3	45	42	"	D	Top soil 3; clay sand 29; limestone 49. Water at 49.
Middle Con.	" 8	R. Cruikshank	"	May 15	5	5	12	8	"	D	Sand clay 10; clay 18; gravel clay 25; gravel 28. Water from 25 to 28.
Spanish River	Indian Reserve		Dept. of Indian Affairs	Feb. 9	5	-	-	-	-		Clay 79; gravel hardpan 83; granite 107. Dry well.
"	"		P. C. Hammond	Feb. 19	5	-	-	-	-		Clay 70; gravel hardpan 86. Dry hole.
"	"		"	Feb. 25	5	-	-	-	-		Clay 77; gravel hardpan 80; rock. Dry hole.
"	"		"	July 17	5	-	-	-	-		Previously drilled 80; grey granite 280. Dry hole.
Sprague Twp.	Sec. 25	N.E. 1/4	L. E. Danis	May 10	3	< 1/2	Flows	Flows	Fresh	C	Hard grey rock 200. Water at 55.
Sec. 25	N.E. 1/4		Outras Const. & Diamond Drilling	Nov. 26	2	-	-	-	-		Quicksand boulders stone granite 231. Dry hole.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ALGOMA DISTRICT- cont. Tarbutt Additional Con V lot 7 Tarentorus Twp. Sec. 17	O. Pylkkanen N.W. 1/4	Clearwater Drilling & Supply	Jan. 19	5	1	30	16	Fresh	D	Sandy soil 1; clay boulders 24; hard rock 32. Water at 30.
Sec. 17	L. Noland	Clearwater Drilling & Supply	Sep. 28	5	5	50	28	Fresh	D	Soil 2; sand clay boulders 40; hardpan 55; sand gravel 60. Water at 60.
Sec. 17	J. McDonald	"	Dec. 30	5	3	85	30	"	D	Soil 2; hardpan boulders 70; hard packed sand 80; gravel sand 85. Water at 85.
Sec. 18	L. Appel	"	Oct. 28	5	5	80	50	"	D	Soil 1 1/2; rock sand boulders 60; hardpan 90; sand gravel 95; coarse gravel 98. Water from 95 to 98.
Sec. 18	E.A. Pritchard	C.W. Chapman	Nov. 3	1	3	2	0	"	D	Sand gravel boulders 5 1/2; sandstone 4 1/2; Water from 10 to 4 1/2.
Sec. 28	D.E. Aaltonen	"	June 12	2	4	16	6	"	D	Clay 17; silt rock 24; sandstone 30; sandstone from 24 to 30.
Sec. 33	A. Vanderloo	Clearwater Drilling & Supply	May 10	2	1/2	Flows	Flows	"	D	Loam 2; clay 130; clay boulders 140; sandstone 148. Water from 143 to 148.
River Range lot 19	D. Hill	C. Sharp	Sep. 24	2	-	-	-	-	-	Sand 133. Dry hole.
Victoria Twp. Sec. 31	D.H.O.	C. Goodberry Well Drilling Ltd.	Aug. 11	6	5	20	10	Fresh	D	Overburden 95; granite 211. Water at 205.
Wicksteed Twp. lot 14 Con III	J. Cook	D. Groleau Diamond Drilling	Sep. 26	1	2	27	15	Fresh	D	Gravel 2; granite 110. Water from 50 to 105.
Con IV	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Oct. 29	6	5	34	4	"	C	Sand 23; gravel 28; granite 49. Water from 35 to 42.
BRANT COUNTY Brantford	St. Josephs Hospital	I. Davis	June 16	6	20	100	75	Fresh	P	Brown clay 25; blue clay quicksand 138; limestone 150. Water at 148.
Brantford Twp. Con I	N. Dutka	O. Culver	July 21	5	10	85	60	Fresh	D	Dark sandy soil 18; grey clay pebbles 50; sand 95. Water from 80 to 90.
Con I	A.E. Stroud	E. Stewart	June 12	7	8	190	28	"	In	Gravel blue clay 30; blue clay 90. Dry hole.
Con I	Holland Green- houses	Lounsbury & Sons	Feb. 17	6	8	190	28	"	In	Sandy clay 12; clay 38; sand clay 83; limestone 200. Water at 138 and 200.
Con III	W.H. Culter	I. Davis	Oct. 5	6	1/2	205	25	Sulphur	D, S	Blue clay 135; soft grey limestone gybsum 210. Water at 205.
K.T	H. Alway	W. Packham	Sep. 19	7	4	90	63	Fresh	D, S	Coarse gravel 38; grey clay gravel 60; sand gravel 85; fine sand 95. Water at 90.
K.T	Brantford Twp.	International Water Supply Ltd.	Nov. 18	2	25	7	6	"	T	clay sand black muck 5; fine gravel 7; layers gravel boulders sand 29; boulders gravel 31; soft clay 46; clay 51. Water at 17.
K.T	"	"	Nov. 20	5				"	T	Sandy brown clay 17; soft blue clay 26; clay 40; clay boulders 55; clay sand 62.
MPRE Range I	J. Takacs	J.H. Weaver & Son	Dec. 22	1	8	21	21	"	C, P	Open well 25; brown quicksand 38. Water at 21.
MPRE " II	Industrial Farm	C. Goodberry Well Drilling Ltd.	Aug. 24	8	150	75	23	Fresh	P	Sandy loam 2; clay boulders 35; soft grey clay 80; hard clay 90; clay stones 107; heavy gravel 110. Water from 107 to 110.
MPRW " II	N. Clurysek	G.A. Demmls & Sons	Mar. 13	4	7	160	45	"	D	Sand clay 189; gravel 191; brown limestone 250. Water at 190.
Burford Twp. Con I	J.M. Hough	J. Stefan	May 6	3	5	51	51	Fresh	D	Coarse sand 18; fine gravel 32; blue clay 82; hard clay 88; blue clay 110; dark blue shale 112. Water at 110.
Con V	S. Kreager	H. Stewart	Sep. 17	7	5	24	8	"	D	Sand 8; clay 80; gravel 160. Water at 60.
Con V	R. Stephenson	N. Steinman	Feb. 17	4	7	32	17	Sulphur	D, S	Clay 25; blue clay 52; fine sand 55; blue clay 70; gravelly hardpan 94; fine sand 102; clay 123; limestone shale 143; brown blue rock 215. Water from 141 to 169. Cementite at 170 due to sulphur.

## BRANT COUNTY- cont.

Burford Twp. Con VI	E. Hall lot 20.	N. Steinman	Jan. 21	4	14	28	16	Fresh	D,S	Clay 11;stony clay 64;sandy shale 72. Water from 70 to 72.
Con VIII	" 1	H. Amy	Aug. 26	10	27	51	41	"	Ir	Sand 21;pebbles 47;sand 61. Water from 47 to 61.
Con VIII	" 12	S. Hanson	June 1	4	10	25	15	"	D	Yellow clay 9;silty sand 56;hard gravelly clay 62:black shale 63. Water at 62.
Con VIII	" 20	R. Giles	Nov. 26	7	30	35	29	S. Sulphur	D,S	Blue clay stones 57;brown limestone 135. Water at 132.
Con IX	" 13	A. Hanson	June 4	4	5	18	14	Fresh	D	Hard clay 12;sandy clay 64;hard clay 68;shale 70. Water at 69.
Con IX	" 18	L. Norris	June 18	4	5	21	7	"	D	Hard clay 4;sandy clay 40;hard gravelly clay 58;shale 59. Water at 58.
Con X	" 9	C. Hinsley	Nov. 23	4	5	19	4	"	D	Sand 8;medium sand 60;fine sand clay 78;hard yellow clay 98; soft green rock 99. Water at 99.
Con X	" 14	R. Shellington	Oct. 23	4	5	57	55	"	D	Fine sand 50;sandy clay 75;hard clay 77;fine gravel 78. Water at 77.
Con X	" 19	A. Willem	June 24	4	5	22	14	"	D	Coarse sand 6;hard gravelly clay 19;silty sand boulders 42; coarse gravel 44. Water at 44.
Con XI	" 2	W. Lechowicz	Nov. 2	10	8	40	22	"	Ir	Sand 23;coarse sand 40;sand 60. Water from 43 to 60.
Con XI	" 14	A. Jędrna	Aug. 8	4	5	30	26	"	D	Silty clay 12;sand clay 70;yellow clay 72;fine gravel 73. Water at 72.
Con XII	" 2	L. Smith	Mar. 20	5	6	45	39	"	D	Sand gravel 57. Water from 39 to 57.
Con XII	" 14	C. Roswell	Aug. 4	4	5	20	16	"	D	Yellow sand 9;sandy clay 76;blue clay 79;grey rock 80. Water at 80.
Con XIII	" 1	P. Urban	Jan. 30	6	8	35	25	"	D,C	Sand 74;gravel 78. Water from 74 to 78.
Con XIII	" 1	A. Zronik	Dec. 24	6	70	206	40	Sulphur	N	Yellow loam sand gravel hard heads 80;blue clay 140;brown limestone 350;blue shale gypsum 450. Water at 145; 342 and 440.
Con XIV	" 12	E. R. Adams	Nov. 12	5	10	75	30	Fresh	D,S	Sand 18;soft grey clay 103;shelly rock 110. Water at 110.
Oakland Twp. Con I	lot 1	Bell Telephone	July 3	5	6	32	32	Fresh	P	Top soil 2;gravel clay 12;gravel boulders 21;gravel 38;coarse sand 15. Water from 38 to 45.
Con II	" 6	H. Stratford	June 6	8	3	80	50	"	Ir	Sandy loam blue clay 80;quicksand 166;blue clay limestone 250; brown limestone 314. Water from 210 to 312.
Con III	" 4	N. Marinuk	Aug. 5	5	10	38	23	Sulphur	D,S	Yellow sand 15;sand gravel 30;clay 150;puty sand 140;clay 148;brown limestone 150. Water at 150.
Con III	" 6	S. Stypa	Sep. 4	4	1	74	74	Fresh	D	Sand gravel 12;sand 74;medium sand 90. Water from 74 to 90.
Con IV	" 6	G. Bowden	Feb. 17	6	2	169	40	"	D,S	Brown sand 70;sand clay 150;clay gravel 182;gravel 169. Water at 184.
Con IV	" 6	Ont. Hydro	Nov. 10	5	6	138	66	"	P	Coarse gravel 38;coarse sand 45;fine sand 176;fine sand gravel clay 182;gravel clay 184;brown limestone 187. Water at 184.
Onondaga Twp. FCE Con III RR	lot 4 " 49	A. Barton Ont. Hydro	Dec. 18 Sep. 16	5 6	5 15	120 45	30 40	Fresh "	D,S P	Brown clay 2;blue clay 117;limestone 120. Water at 120. Loam 2;blue clay 50;limestone 60. Water at 60.
South Dumfries Twp. Con III	lot 7	A. Roseburgh	Feb. 23	6	20	75	55	Fresh	D	Sandy clay boulders 45;sandy clay 60;silty sand 170;gravel sand 178;gravel 180. Water at 178.
Con III	" 13	Imperial Oil	July 6	6	10	71	69	"	C	Clay boulders 15;gravel clay 86;sand 115;gravel sand 124. Water from 115 to 124.
Con VI	" 6	H. J. Alardyce	Oct. 9	5	2	Flows	Flows	"	D,S	Clay 3;clay gravel 82;clay boulders 88;clay gravel 90;grey rock 107. Water at 105.
Con VI	" 13	C. S. Whitham	May 21	4	12	52	37	"	D	Top soil 2;clay boulders 30;clay gravel 56;clay 80;gravel sand 86. Water from 80 to 86.
Tuscarora RR Tuscarora Twp. RR	lot 1	Dep. Citizenship Immigration Water Supply Ltd.	Aug. 13	8	25	40	38	Fresh	P	Brown clay 17;soft blue clay 43;gravel sand clay 47;grey lime-stone 48. Water at 48.

1.2 Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY- cont. Tuscarora Twp., cont. R.R. lot 2	L. Johns	R.D. Featherstone	July 10	4	8	48	44	Fresh	D	Yellow clay 2; yellow clay gravel stones 27; hardpan hard shell 52; Eypsum limestone blue shale 56. Water from 54 to 56.
BRUCE COUNTY Abernethy Twp. BRE Con I lot 15	J. Weir	Wright Bros. L/A	June 16	5	6	101	30	Fresh	D, S	Dug well 26; clay stones 46; limestone 101. Water at 70 and 90.
BRE Con II " 21	Max School	"	July 22	5	10	79	15	"	P	Soil stones 15; limestone 79. Water at 70.
BRE Con V " 24	R. Sperry	Wm. Wright	June 10	4	8	25	25	"	D	Grey limestone 64. Water at 35 and 58.
BRE Con V " 25	R. Robt.	"	May 1	4	6	20	3	"	D	Grey limestone 63. Water at 45 and 60.
BRE Con V " 26	"	"	Sept. 12	4	15	30	2	"	P	Limestone 58. Water at 50.
BRE Con V " 26	J. Vanderberg	"	May 16	4	6	20	2	"	P	Grey limestone 60. Water at 34 and 55.
BRE Con V " 26	H. Perrow	"	May 13	4	6	20	4	"	D	Grey limestone 58. Water at 30 and 50.
BRE Con VII " 30	G. Rouse	D. Wright & Sons	June 25	4	10	116	12	"	D	Shaly rock 3; grey limestone. Water at 55.
BRE Con VII " 35	P. F. Iends	"	June 25	4	8	100	8	"	D	Sandy clay 8; bedrock 8; blue shale 90; red shale 114. Water at 85 and 114.
BRW Con IV " 20	R. Brush	Wm. Wright	June 13	4	6	35	50	"	D	Clay gravel boulders 13; grey limestone 60. Water at 55.
BRW Con V " 12	H. G. Gandler	Wright Bros. R/S	May 7	4	6	25	15	"	D	Old well limestone 30; limestone 80. Water at 80.
BRW Con V " 12	R.V. Michlin	Wright Bros. L/A	Sept. 16	5	12	55	10	"	D	Limestone 55. Water at 40.
BRW Con V " 16	P.C. Haynes	Wright Bros. R/S	June 1	4	5	40	10	"	D	Soil 2; grey limestone 35; blue limestone 70. Water at 70.
BRW Con V " 17	J. Gracey	"	June 7	4	5	50	10	"	D	Soil 2; grey limestone 3; hard black limestone 12; grey limestone 63. Water at 63.
BRW Con V " 19	H.F. Prohaska	"	July 24	4	5	40	10	"	D	Soil 5; white limestone 57. Water at 57.
BRW Con V " 26	W. Bell	"	Aug. 23	4	15	5	2	"	D	Soil 1; white limestone 23; blue limestone 51. Water at 51.
BRW Con V " 27	P. Thomas	"	July 1	5	12	100	8	"	P	Limestone 132. Water at 60 and 129.
Amabel Twp. Con A lot 10	Allenford Personage	D. Wright & Sons	Nov. 7	4	10	17	12	Fresh	D	Boulders gravel 46; grey limestone 142. Water at 85 and 135.
Con A " 24	S. #1	G.L. Davidson	May 22	4	8	55	45	"	P	Soil 1; gravel 50; hardpan 160; gravel 172; hardpan 205; gravel 215; hardpan 225; limestone 233. Water at 233.
Con A " 24	R. Harron	"	June 16	4	12	95	74	"	D, S	Gravel 68; hardpan 90; clay 115; gravel 123; hardpan 180; clay 200; hardpan 218; sand gravel 24; grey limestone 261. Water at 261.
Con C " 9	E. Messam	Wright Bros. R/S	Aug. 19	5	15	40	37	"	D	Soil sand 10; gravel stones 18; hardpan 30; boulders 35; sandy clay 50; fine sand 60; gravel stones coarse gravel 63. Water at 63.
Con D " 34	J. Korman	Wm. Wright	Sept. 25	4	12	10	2	"	D	Sand 27; limestone 62. Water at 55.
Con D " 35	E. W. Riane	D. Wright & Sons	Aug. 8	4	10	10	5	"	D	Sand 12; hardpan 20; gravel 22; bedrock 55. Water at 50.
Con D " 41	F. Otewell	Wright Bros. R/S	May 27	4	3	50	5	"	D	Sand 6; grey clay 13; white limestone 50; hard dark limestone 85. Water at 60 and 85.
Con D " 43	B. Coleman	"	Sept. 8	5	5	66	10	"	D	Loose stone 1; limestone 66. Water at 30.
Con D " 47	R. Kelly	Wm. Wright	June 26	4	6	30	30	"	D	Clay gravel 12; grey limestone 51. Water at 45.
Con II " 15	M.S. Bellerby	"	Dec. 1	4	6	30	30	"	D, S	Sand gravel 150; white limestone 178. Water at 178.
Con III " 2	V. Warrington	Wright Bros. L/A	May 9	4	18	50	19	"	D, S	Soil stones 40; limestone 100. Water at 80.
Con VII " 13	A. Doubt	"	Nov. 6	4	4	100	32	"	D, S	Sand 8; clay stones 35; clay 90; layers of clay gravel 106. Water at 100.
Con VIII " 20	French Bay School	Wm. Wright	Dec. 23	4	10	30	20	"	P	Gravel stones 40; sand gravel boulders 80; sand 95; limestone 143. Water at 120 and 140.
Con XIV " 16	R. Hole	Wright Bros. R/S	Sept. 30	4	5	32	13	"	D	Sand gravel 8; hardpan 10; grey limestone 30; blue limestone 42. Water at 42.
Con XV " 1	C. Warden	Wm. Wright	July 15	4	15	19	18	"	P	Clay gravel boulders 25; grey limestone 125; blue shale 130; red shale 148. Water from 80 to 148.
Con XXIII " 11	G. Sutter	"	June 23	4	6	75	8	"	D	Previously drilled 32; grey limestone 80. Water at 75.
Con XXV " 26	J.H. Brownlee	Wright Bros. L/A	June 18	5	10	40	Flows	Sulphur	D	Clay stones 16; limestone 40. Water at 30.



BRUCE COUNTY- cont.

Amabel Twp. cont.	lot	5	lot	1	Wm. Wright Wright Bros. R/S	June 19 July 20	4	6	50	10	Fresh	D
OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS	OTF RS
Arran Twp.	Con II	lot 16	L. Hemstock		L. H. Weirmier	Dec. 17	4	5	55	20	Fresh	D, S
Con VI		" 29	H. Teschke		"	Oct. 3	4	8	19	19	"	D
Con XI		" 31	R. Seales		Wright Bros. L/A	May 22	5	12	100	25	"	D, S
LLS		" 26	B. Miller		D. Wright & Sons	July 24	4	12	40	37	"	D, S
LLS		" 32	D. J. McCoy		"	Aug. 26	4	6	15	1	"	D
Brant Twp.	Con A	lot 24	H. Bester		Durham Drillers	July 24	4	20	20	17	Fresh	D, C
Con A		" 24	J. Kunkel		"	July 30	4	15	35	25	"	D
Con A		" 24	J. Wangler		"	Aug. 12	4	15	25	20	"	D
Con A		" 24	W. T. Bailey		"	Oct. 13	4	8	45	35	"	D
Con A		" 36	C. Dudgeon		"	Oct. 15	4	8	40	28	"	D
Con I		" 72	Manover P. U. C.		International Water Supply	Feb. 24	5				T	T
Con V		" 33	J. Jones		Durham Drillers	May 22	4	8	80	57	Fresh	D, S
DRN Con II		" 63	Manover P. U. C.		International Water Supply	Aug. 14	2	32	13	10	"	T
DRN Con II		" 64	"		"	Aug. 10	2	36	24	10	"	T
DRN Con II		" 65	"		"	July 30	2	45	7	6	"	T
DRN Con II		" 65	"		"	Aug. 3	5				T	T
DRN Con III		" 59	T. Berry		Durham Drillers	May 30	4	16	80	73	"	D
DRS Con I		" 59	R. McRitchie		"	Sep. 21	4	5		15	"	D
DRS Con I		" 70	Manover P. U. C.		International Water Supply	Mar. 4	6	50	Flows	Flows	"	P
Brace Twp. Con XIII		lot 15	B. McGillivray		G. I. Davidson	Sep. 9	4	12	55	43	Fresh	D, S
LR		" 4	Dept. of Lands & Forests		"	Apr. 2	6	40	22	2	"	P

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Bruce Twp. cont. LR lot 4	Dept. of Lands & Forests	G.L. Davidson	Apr. 10	6	25	55	28	Fresh	P	Brown shale 8; brown limestone hard dark brown limestone 108; hard light brown limestone 130. Water at 108 to 130.
LR " 6	"	"	Sep. 16	4	15	35	22	"	P	Brown shale 21; brown rock 96. Water at 65, 78 and 96.
Cape Croker Indian Reserve W Rd Con II lot 37 W Rd Con II " 37	Catholic Church "	Wright Bros. R/S "	May 9 May 9	4 4						Soil 2; limestone 20; blue clay 30. Dry hole. Gravel 5; clay gravel 20. Dry hole.
Garrick Twp. Con C lot 50	F. McIntosh	E. Keeso	Jan. 30	4	12	18	18	Fresh	D, S	Dug 18; clay 37; gravel 49; brown shale 62; brown limestone 81. Water at 81.
Con D " 5	L. Grubb	G.L. Davidson	Aug. 29	4	12	40	35	"	D, S	Fill 6; clay 12; hardpan 32; shale brown clay 71; hard grey rock 104. Water at 104.
Con V " 28	A. Schwartz	R.H. Gadke	Jan. 29	4	12	3	3	"	D, S	Dug 16; gravel 40; clay gravel 60; sand 86; brown limestone 106. Water at 106.
Con VIII " 3	Z/S Kempel	E. Keeso	July 1	4	12	21	20	"	D, S	Clay 37; gravel clay 68; gravel sand 92; shale 106; brown lime- stone 128. Water at 128.
Con VIII " 20	S. Neisen	R.H. Gadke	July 18	4	15	16	16	"	D, S	Gravel 12; stony clay 36; dirty shale 38; brown limestone 102; limestone 104. Water at 104.
Con VIII " 20	A. Portney	"	July 23	4	15	16	16	"	D, S	Gravel 12; stony clay 36; dirty shale 38; brown limestone 104; limestone 106. Water from 104 to 106.
Con XIV " 5	G. Ostien	E. Keeso	Oct. 17	4	14	24	20	"	D, S	Clay boulders 45; brown shale 58; hard grey limestone 122; white limestone 125. Water from 124 to 125.
Con XIV " 21	School S.#3	R.H. Gadke	Feb. 28	4	8	70	68	"	P	Clay 57; sand boulders 125. Water at 223.
Con XIV " 32	L. Hoifarh	E. Keeso	Feb. 13	4	13	38	36	"	D, S	Clay 21; gravel clay 47; gravel 62; shale 71; brown limestone 78. Water at 78.
Culross Twp. Con II lot 31	B. King	R.H. Gadke	July 30	5	3	40	30	Fresh	D, S	Sand 48; fine gravel 50. Water at 48.
Con V " 8	B. Jarvis	G.L. Davidson	Aug. 22	4	10	50	40	"	D, S	Soil 1; hardpan 24; gravel hardpan 63; shale 81; hard brown limestone 127. Water at 127.
Con V " 19	W. Moffat	"	Aug. 14	4	10	65	54	"	D, S	Soil 1; hardpan 30; yellow shale 89; brown limestone 115. Water at 115.
Con VI " 6	W. Buckle	E. Keeso	June 19	4	11	14	7	"	D, S	Dug 27; clay stones 56; brown shale 67; brown limestone 108. Water at 108.
Con VIII " 13	W. McKague	R.H. Gadke	Jan. 5	4	16	7	7	"	D, S	Brown shale 142. Water at 130.
Eastnor Twp. BRE Con II lot 32	Wm. Stewart	Wright Bros. R/S	Sep. 26	4				Sulphur	N	Silty clay 38; dark limestone 100. Water at 100.
BRE Con II " 32	"	Wright Bros. R/S	Sep. 28	4			18		N	Sandy clay 38; dark limestone 100. Water at 100.
BRE Con III " 26	H. Richardson	Wright Bros. S/O	May 29	4	5	17	17	Fresh	D	Soil 1; shale rock 33; limestone bedrock 54. Water at 45.
BRE Con III " 27	C. Stewart	Wright Bros. R/S	June 8	4	15	20	10	"	D	Soil 3; grey limestone 35; blue limestone 44. Water at 45.
BRE Con VII " 19	F. Kraus	Wright Bros. L/A	Aug. 20	5	12	45	15	"	D	Rock 15; blue shale 20; fired shale 45. Water at 35.
BRE Con III " 38	M. McDonald	Wright Bros. R/S	May 20	4	10	20	15	"	D	Soil 3; limestone 34. Water at 54.
BRE Con IV " 39	G. Barnard	Wright Bros. R/S	May 12	4	15	20	10	"	D	Soil 2; grey limestone 25; blue limestone 72. Water at 72.
BRE Con V " 3	J. Anderson	Wright Bros. R/S	Apr. 30	4	15	20	10	"	D	Soil 2; grey limestone 30; blue limestone 72. Water at 72.
Elderslie Twp. Con VI lot 20	W. Jackson	L.H. Weirmier	Aug. 13	4	4	28	10	Fresh	D, S	Boulders clay 40; grey sand clay stones 140; grey clay 170; shale 174; grey rock 18. Water at 184.
Con VII " 26	R. Oswald	"	June 13	4	8	22	19	"	D, S	Sand clay stones 110; grey sand gravel 131; dark grey rock 142. Water at 142.

BRUCE COUNTY- cont.  
Elderslie Twp. cont.  
Con VII

Con VII	lot 28	C. P. Halliday	L. H. Weirmier	July 17	4	8	14	2	Fresh	D, S	Red clay boulders 30; gravel grey clay 72; dark light grey rock 90. Water at 90.
Con IX	" 24	G. Legge	"	May 16	4	8	8	7	"	D, S	Dug 20; grey sand boulders clay 50; grey clay sand 80; grey sand 90; dark grey rock 105; brown rock 110. Water at 110.
Con XII	" 28	A. Churchill	"	Aug. 24	4	8	23	20	"	D	Sand red clay 5; grey boulders clay 20; grey clay 37; sand gravel 78; grey rock 79. Water at 79.
Con XII	" 30	H. Golem	"	Sep. 23	4	8	29	27	"	D	gravel 10; grey boulder clay 25; grey clay grey sand 50; grey sand 79; grey rock 84. Water at 84.
Greenock Twp. Con A	lot 2 " 12	J. Zettel C. Spitzig	E. A. Keeso Durham Drillers	Oct. 31 Aug. 14	4 4	12 8	27 55	26 38	Fresh "	D, S D	Previously drilled 60; white limestone 70. Water at 70. Dug 30; clay stones 45; brown clay 76; sandy clay 89; brown limestone 122. Water at 115.
Con A	" 24	G. Hundt	G. L. Davidson	Sep. 24	4	8	76	18	"	D, S	Clay 22; sand gravel 32; hardpan 56; loose shale 60; hard grey rock 105. Water at 105.
Con IV	" 8	J. Oehring	E. A. Keeso	Sep. 19	4	12	18	17	"	D, S	Dug 6; brown hardpan 31; brown shale 48; brown limestone 120. Water at 120.
Con IV	" 9	J. Diebold	"	Sep. 9	4	12	18	16	"	D, S	Dug 4; hardpan 27; gravel 31; brown shale 34; brown limestone 101. Water at 101.
Con V	" 9	A. Hehn	"	Nov. 12	4	12	24	22	"	D, S	Dug 38; clay boulders 61; shale 72; brown limestone 88. Water at 88.
Con VII	" 13	S. Powers	G. L. Davidson	Aug. 31	4	20	36	29	"	D, S	Sand 70; gravel sand 88; brown rock 103. Water from 90 to 103.
Con X	" 1	J. Diebold	E. A. Keeso	Sep. 28	4	12	35	34	"	D, S	Dug 6; gravel clay 34; brown shale 63; hard grey limestone 105 1/2. Water at 105.
Con X	" 13	A. Webb	G. L. Davidson	Oct. 9	4	12	55	35	"	D, S	gravel 20; marl 93; sand rough gravel 140; grey rock clay 151; grey rock 178. Water at 178.
Con XIII	" 2	R. Clark	Durham Drillers	July 18	4	20	10	5	"	D	Soil 2; hardpan boulders 32; hard brown limestone 50. Water from 40 to 50.
Huron Twp. Con IV	lot 35	Huron Twp. School Area W.	G. L. Davidson	June 18	4	12	95	70	Fresh	P	Soil 1; clay 15; blue clay 100; clay 112; coarse gravel 114; hardpan 120; soft clay 182; shale clay 202; soft brown shale 257; soft brown limestone 276. Water at 276.
Con V	" 16	W. Smith	"	Aug. 8	4	6	55	43	"	D, S	Soil 1; gravel 8; clay 47; sand 86; shale 102; brown rock 147. Water at 147.
Con IX	" 7	P. Leeson	"	Sep. 21	4	15	79	68	"	D, S	Soil 1; fill 4; blue clay 91; sand rough gravel 146; brown rock 169. Water at 169.
Con IX	" 8	F. Currie	"	Sep. 28	4	9	111	82	"	D, S	Soil 1; clay 72; sand gravel 120; hardpan 131; loose rock 143; brown rock 174. Water at 174.
Con X	" 30	B. Elliott	"	Sep. 14	4	12	100	86	"	D, S	Fill 3; brown clay 17; blue clay 85; hardpan 101; till 149; loose brown shale 161; hard brown limestone 190. Water at 190.
LR	" 8	Wm. Leonard	W. D. Hopper & Sons	Dec. 22	4	20	Flows	Flows	"	P	gravel 17; hardpan 73; gravel 79; clay stones 159; brown limestone 179. Water at 179.
LR	" 35	S. Huff	G. L. Davidson	June 9	4	35	"	"	"	P	Fill 6; sand 16; brown clay 26; sand 52; blue clay 134; sandy gravel 188; soft clay 225; soft brown rock 239. Water at 239.
LR	" 40	G. Wightman	"	May 5	4	10	70	54	"	D, S	blue clay 148; sand gravel 154; soft blue clay 204; sandy gravel clay 248; muddy clay shales 288; soft brown limestone 301. Water at 301.
LR	" 56	H. Burningham	"	May 26	4	12	56	38	"	D	Stony brown clay 72; blue clay 102; sandy gravel 141; shale clay 183; soft brown limestone 211. Water at 211.
Kincardine Twp. Con A	lot 61	A. R. Laing	G. L. Davidson	July 6	4	1	125	5	Fresh	D	Shale 23; hard grey rock 151. Water at 60.
DRN Con II	" 25	J. A. Campbell	"	Oct. 7	4	8	94	88	"	D, S	Fill 4; sand 38; clay 104; hardpan 136; brown shale 152; brown limestone 170. Water at 170.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depth to which formations extend below the surface are given in feet)
BRUCE COUNTY- Kinloss Twp. Con I Con IV Con VII Con VIII Con XII DHS Range I DHS Con III DHS Range III	lot 59	O. Cooper	Oct. 26	4	14	28	26	Fresh	D	Dug 33; gravel clay 57; hardpan 93; brown shale 118; brown lime- stone 158. Water at 155. 158.
	" 35	J. Tiffin	Mar. 21	4	10	42	38	"	D, S	Stony gravel; stony clay 28; hard sand 42; quicksand 52; marl 74; hardpan 83; soft brown shale 108; hard brown limestone 142; soft brown limestone 158. Water at 158.
	" 4	L. Bushell	Aug. 4	4	10	75	63	"	D, S	Clay 65; sand 120; shale 162; shale 187; brown limestone 211. Water at 211.
	" 6	M. Johnston	July 27	4	15	75	67	"	D, S	Clay 30; sand 148; blue clay 90; clay sand streaks 110; clay 148; loose shale 181; brown limestone 205. Water at 205.
	" 11	H. J. Dillon	Aug. 18	4	12	50	37	"	D	Clay 28; sand 33; sandy gravel 77; shale 105; hard brown limestone 150. Water at 150.
	" 6	L. Geddes	Jan. 26	4	12	74	37	"	D, S	Soil 1; blue clay 41; sand 103; clay stones 135; sand 168; hardpan 183; clay stones 210; shale 213; brown rock 214. Water at 213.
	Bl. A	Wm. Kempyn	Sep. 29	4	6	15	12	"	D	Brown clay 25; grey clay 62; sand 72; grey clay stones 130; sand 147; fine sand gravel 162; limestone 165. Water at 163.
	lot 19	M. Lane	Aug. 26	4	15	36	31	"	D, S	Clay 40; clay gravel 103; brown rock 149. Water at 149.
	lot 2	D. S. McMay	Oct. 30	4	15	10	10	Fresh	S	Hard limestone 81. Water at 50 and 75.
	Lion's Head	J. McCurdy	Sep. 21	4	5	21	12	Fresh	D	Loose stones 6; clay gravel 32. Water at 20.
	Lucknow	Village of Lucknow	June 30	8	145	103	18	Fresh	P	Coarse gravel 8; hardpan 22; sand gravel boulders 35; hardpan stones 68; red clay boulders 74; brown shale 110; brown lime- stone 136; light brown limestone 164; dark brown limestone 182. Water at 120, 152 and 175.
	St. Edmunds Twp. BRE Con I BRW Con III BRW Con IV BRW Con V Township of Tobermory Township of Tobermory	lot 43 R. Daly W. Cleverger J. Dempster K. C. Quirk R. W. Statham M. Hopkins	Aug. 6 July 26 June 20 July 11 July 1 July 15	5 5 4 5 5 5	5 100 40 23 50 105	6 8 6 6 31 19	8 " " " " " "	Fresh " " " " " "	D D D D D D	Limestone 100. Water at 80. Soil 1; limestone 471. Water at 40. Sand 10; limestone 47. Water at 35. Soil 1; limestone 50. Water at 40. Limestone 105. Water at 80. Limestone 120. Water at 110.
Tara	Four-Way Milk Products	G. L. Davidson	Feb. 26	10	70	205	20	Fresh	In	Red clay 3; clay stones 7; hard brown shale 31; hard white limestone 102; grey limestone 138; brown limestone 198; dark brown limestone 292; white limestone 308; white grey limestone 342; grey limestone 370; brown limestone 386; green shale 391. Water at 62, 258, 292 and 387.
CARLETON COUNTY Eastview Fitzroy Twp. Con I Con I Con I Con II Con II Con II Con II Con III		R. J. Kipp	June 14	2	3	35	6	Sulphur	P	Clay boulders 12; black shale 400. Water from 260 to 400.
	lot 9	C. Pierce	Apr. 14	5	7	20	13	Fresh	D	Clay 70; limestone 102. Water at 95 and 100.
	" 10	"	Feb. 18	5	20	18	15	"	S	Clay 3; grey limestone 70. Water at 50 and 68.
	" 11	G. Morton	June 5	5	10	70	19	Salty	D	Clay 155; sand 159; grey limestone 191. Water at 176 and 190.
	" 7	H. Miller	Apr. 24	5	5	100	18	Fresh	D	Loam 5; grey limestone 115. Water at 63 and 108.
	" 22	H. Toop	June 2	5	10	90	13	Slight	D	Blue clay 160; sand 164; grey limestone 196. Water at 183 and 195.
	" 27	D. Grace	Sep. 15	5	10	27	8	Salty	D	Loam sand 12; grey limestone 50. Water at 30 and 48.
	" 27	L. Runtz	May 8	5	10	20	10	"	D	Sand 18; grey limestone 70. Water at 35 and 67.



CARLETON COUNTY- cont.

Pitrovy	lot 8	J. McVetty	Dec. 14	5	6	32	18	Fresh	D	Clay 60; grey limestone 116. Water at 83.95 and 108.
Con IV		A. Stanton	July 24	4	5	70	20	"	D	Beach sand 22; sand 30; white limestone 110. Water at 77 and 110.
Con V	" 25	W. Plunkett	Apr. 16	3	5	75	14	"	D	Clay 10; blue clay 105; sand 108; limestone 140. Water at 140.
Con V	" 21	S. MacHardy	Jan. 16	5	13	80	36	"	D	Sand 63; limestone 166. Water at 91. 127 and 166.
Con V	" 21	C. Dean	Jan. 16	4	5	85	30	"	D	Brown clay 30; quicksand 40; white sand 53; hard grey limestone with quartz. Water at 60 and 99.
Con V	" 22	A. MacIntyre	Sep. 24	4	5	65	36	"	D	Clay 25; sand gravel 43; limestone 150; grey granite 185; limestone 270; quartz with granite 310. Water at 145.
Con V	" 22	D. MacHardy	Apr. 10	3	3	60	15	"	D	Sand stones 12; grey granite 136. Water at 73 and 135.
Con VI	" 13	N. Cavanaugh	Feb. 28	5	15	86	11	"	D	Brown clay pebbles 11; limestone 54. Water at 50.
Con VI	" 21	R. Ferosse	May 15	4	1	50	20	"	D	Brown clay 13; blue clay 285; quicksand 325; hardpan 350. Water at 350.
Con VII	" 7	R. Fulford	Aug. 29	5	7	40	flows	"	S	Brown clay 23; grey limestone 93. Water at 93.
Con IX	" 5	G. Baird	Oct. 10	5	7	60	23	"	S	Brown clay 14; blue clay 32; grey limestone 40. Water at 40.
Con X	" 23	J. Muldoon	July 28	4	8	25	25	"	D	Blue clay 53; coarse gravel boulders 60; hard black rock 100.
Con X	" 23	H. Dolan	Feb. 13	6	5	90	40	"	D	Water at 78.
Con X	" 23	W. V. Nugent	June 25	4	10	25	20	"	D	Brown clay 23; blue clay 45; sand gravel 48; hard grey limestone 75. Water at 60 and 75.
Con X	" 23	D. O. MacHardy	July 8	4	3	75	24	"	D	Brown clay 28; blue clay 57; sand 60; red granite 88. Water at 87.
Con X	" 24	K. Munro	July 1	4	10	40	30	"	D	Grey-brown clay 24; blue clay 40; gravel sand 54; hard limestone 77. Water at 60 and 77.
Con X	" 24	H. Baird	Sep. 19	4	5	45	35	"	D	Brown clay 25; blue clay 45; sand gravel 54; hard grey rock 73; red granite 75. Water at 73.
Con X	" 24	J. Larkens	May 18	5	12	25	8	"	D	Loam 8; hardpan stones 18; grey limestone 70. Water at 37.49 and 68.
Con XI	" 21	A. Muldoon								
Gloucester Twp.										
BF	lot 17	A. K. Mills	Apr. 6	5	10	22	20	Fresh	D	Clay 76; sandstone 91. Water at 90.
BF	" 18	D. A. Freeze	May 15	2	8	25	20	"	D	Clay 78; boulders 80; gravel 88; sandstone 112. Water at 110.
BF	" 18	A. Thiabeault	Aug. 7	2	7	25	17	"	D	Clay 43; boulders gravel 78; sandstone 90. Water at 90.
BF	" 24	J. B. Dufresne	June 29	4	4	22	15	"	D	Clay 15; stony clay 46; limestone 66. Water at 66.
BF	" 24	M. Meagher	July 13	4	4	14	14	"	D	Clay 30; clay boulders 45; limestone 65. Water at 65.
BF	" 24	"	July 24	4	4	8	8	"	D	Clay 31; stony clay 45; limestone 68. Water at 68.
LI	" 24	"	Apr. 3	5	5	8	8	"	D	Fill boulders 38; limestone 60. Water at 60.
LI	" 24	McLean Water Supl	Apr. 3	5	5	8	8	"	D	Fill boulders 38; limestone 60. Water at 60.
LI	" 24	M. Meagher	June 25	6	32	20	10	"	D	Clay 13; gravel 39; limestone 71. Water at 71.
LI	" 24	G. McLean	June 25	6	32	20	10	"	D	Clay 13; boulders gravel 30; limestone 49. Water at 40.
LI	" 24	J. B. Dufresne	July 14	6	8	80	15	"	D	Clay 18; boulders gravel 28; sandstone 108. Water at 100.
LI	" 24	W. D. Corbett	Aug. 1	2	5	20	16	"	D	Clay 40; limestone 55. Water at 55.
LI	" 24	H. R. Grinnell	Aug. 3	2	17	20	10	"	D	Clay 12; gravel boulders 20; limestone 50. Water at 45.
LI	" 24	J. B. Dufresne	Aug. 3	2	6	60	43	"	D	Gravel boulders 58; limestone 85. Water at 83.
LI	" 24	M. LaFortune	Aug. 20	4	3	51	46	"	D	Clay boulders 58; limestone 130. Water at 110.
LI	" 24	G. D. Hobson	Sep. 14	2	3	50	10	"	D	Clay boulders 26; limestone 110. Water at 60.
LI	" 24	B. Phillips Drilling	Sep. 16	4	3	50	47	"	D	Clay boulders 48; limestone 102. Water at 102.
LI	" 24	"	Oct. 31	4	6	55	22	"	D	Clay 38; limestone 51. Water at 51.
OF Con I	lot 1	D. Griffin	Sep. 4	2	9	35	22	Sulphur	D	Blue clay 45; boulders gravel 54; limestone 65. Water at 65.
OF Con I	" 2	A. Huneault	Feb. 3	2	8	40	20	Fresh	P	Blue clay 40; gravel 42; limestone 43. Water at 43.
OF Con I	" 2	Orleans Bow-ling Alley	Mar. 13	2	6	25	10	Sulphur	D	Blue clay 40; gravel 42; limestone 53. Water at 53.
OF Con I	" 2	Dr. E. Major	Mar. 14	2	6	25	10	Sulphur	D	Blue clay 40; gravel 42; limestone 53. Water at 53.
OF Con I	" 2	St. Joseph's Church	Mar. 14	2	6	25	10	Sulphur	D	Blue clay 40; gravel 42; limestone 53. Water at 53.
OF Con I	" 3	G. Leroux	Aug. 26	2	8	60	26	Fresh	D	Clay 93; limestone 123. Water at 123.
OF Con I	" 3	E. Lefebvre	July 16	2	12	20	10	Fresh	D	Clay 170; grey sand 182; limestone 193. Water at 193.
OF Con I	" 10	English Oblate Fathers	Apr. 8	6	20	130	104	Salty	P	Clay 20; shaly limestone 220. Water at 218.
OF Con I	" 12	St. Joseph Farm	July 5	2	8	20	16	"	D, S	Blue clay 115; gravel 117; limestone 139. Water at 139.
OF Con I	" 17	R. Laporte	Mar. 19	2	7	30	12	Sulphur	D	Blue clay 60; limestone 80. Water at 80.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY- cont. Gloucester Twp. OF Con I lot 19	F.R.Lipsett	E. McLoughney	Feb. 26	5	6	40	15	Fresh	D	Clay 20; silt 39; gravel 45; grey limestone 141. Water from 60 to 70, 100 to 120 and 120 to 141.
OF Con I	C.C. Leclerc	B. Phillips Drllg.	June 4	5	8	50	45	"	D	Clay 75; sand 77; limestone 96. Water at 92.
OF Con I	A. Fortin	J.B. Dufresne	July 7	5	3	200	60	"	D	Clay 60; sand boulders 80; limestone 320. Water at 300.
OF Con I	Boreal Const.	F.A. McLean & Son	Aug. 14	5	2	200	12	"	B	Clay 9; shale 196; grey limestone 464. Water at 464.
OF Con I	D. Ritt	W. McLoughney	Aug. 15	5	2	60	40	"	D	Clay 30; boulders 35; hardpan 60; limestone 167. Water at 100 and from 150 to 167.
OF Con I	City of Ottawa	B. Phillips Drllg.	Aug. 24	6	17	88	65	"	B	Clay 72; limestone 95. Water at 18.
OF Con I	L. Lapointe	M. Cossette	Oct. 8	2	3	50	30	Sulphur	D	Clay 74; sand boulders 81; grey limestone 117. Water at 117.
OF Con I	A. Armstrong	W. McLoughney	Nov. 20	4	3	40	20	Fresh	D	Clay 20; hardpan boulders 45; grey limestone 140. Water from 100 to 110 and 135 to 140.
OF Con I	E. Scott	E. "	Dec. 24	5	5	80	20	"	D	Clay 60; gravel hardpan 120; limestone 167. Water from 150 to 167.
OF Con I	W.A. Keefe	B. Phillips Drllg.	Apr. 23	5	20	60	55	"	D	Clay 102; limestone 114. Water at 112.
OF Con I	R.F. Storey	J.B. Dufresne	Apr. 30	5	3	120	58	"	D	Grey limestone 345. Water at 340.
OF Con I	C. Clifton	McLean Water Supl.	June 30	5	5	90	40	"	D	Limestone 200. Water at 200.
OF Con I	City of Ottawa	B. Phillips Drllg.	Aug. 12	6	8	84	74	"	T	Clay 69; limestone 95. Water at 12.
OF Con I	Cien-va Con- struction Ltd.	McLean Water Supl.	Sep. 10	6	8	30	25	"	C	Loam 6; limestone 250. Water at 250.
OF Con I	Rian's Homes Lt.	J.B. Dufresne	Sep. 11	2	5	20	6	"	D	Clay 16; grey limestone 64. Water at 62.
OF Con I	"	"	Sep. 14	2	2	20	6	"	D	Clay 18; grey limestone 52. Water at 48.
OF Con I	"	"	Sep. 14	2	2	20	6	"	D	Clay 40; limestone 58. Water at 56.
OF Con I	"	"	Nov. 17	4	4	20	7	"	D	Clay 40; limestone 86. Water at 80.
OF Con I	G. Martin	Y. Giroux	June 12	4	4	24	16	"	D	Gravel mixed with clay 4; dark shale 80. Water at 76.
OF Con I	W. Houcke Co.	G. Charbonneau	July 15	4	4	145	16	"	D	Sand gravel 28; dark shale 145. Water at 80.
OF Con I	L. Roy Const.	"	Feb. 4	2	5	25	7	"	D	Blue clay 55; gravel 58; limestone 61. Water at 61.
OF Con I	"	"	Feb. 5	2	8	25	7	"	D	Blue clay 44; gravel 49; limestone 52. Water at 52.
OF Con I	"	"	Feb. 6	2	8	25	7	"	D	Blue clay 44; gravel 47; white limestone 50. Water at 50.
OF Con I	"	"	Feb. 10	2	8	25	7	"	D	Blue clay 45; gravel 50; limestone 53. Water at 53.
OF Con I	"	"	Feb. 26	15	5	25	4	"	D	Blue clay 40. Water at 40.
OF Con I	"	"	June 9	2	4	60	48	"	D	Clay 150; black shale 152. Water at 152.
OF Con I	H. LeBlanc	C. Dufresne	June 26	2	1	90	5	Sulphur	D	Clay 78; limestone 100. Water at 90.
OF Con I	R. Eggenhart	J.B. Dufresne	June 26	2	6	90	80	Fresh	D	Clay 130; gravel sand 135. Water at 135.
OF Con I	R.S. George	"	Aug. 11	2	3	90	80	Sulphur	B	Clay 105; gravel 116; limestone 134. Water at 134.
OF Con I	C. Chotelet	G. Charbonneau	Sep. 3	2	8	70	35	Fresh	D	Clay 176; sand 178; limestone 182. Water at 182.
OF Con I	L. Bergeon	"	Oct. 1	2	9	45	35	"	D	Blue clay 176; sand 179; limestone 180. Water at 180.
OF Con I	"	"	Oct. 3	2	9	45	28	Sulphur	D	Blue clay 89; gravel 90; limestone 123. Water at 123.
OF Con I	L. Roy Const.	"	June 4	2	7	15	3	Fresh	D	Blue clay 12; limestone 40. Water at 40.
OF Con I	"	"	June 5	2	7	15	3	"	D	Blue clay 13; limestone 40. Water at 40.
OF Con I	"	"	June 6	2	6	20	Flows	"	D	Blue clay 12; limestone 33. Water at 33.
OF Con I	"	"	June 9	2	6	20	20	"	D	Blue clay 108; limestone 142. Water at 142.
OF Con I	"	"	June 22	2	3	55	20	"	D	Blue clay 100; limestone 126. Water at 126.
OF Con I	A. Dufour	W. Cossette	June 24	2	3	55	20	Sulphur	D	Blue clay 12; limestone 93. Water at 93.
OF Con I	L. Roy Const.	G. Charbonneau	June 27	2	3	20	3	Fresh	D	Clay 14; gravel boulders 17; limestone 40. Water at 40.
OF Con I	"	"	Sep. 28	2	3	20	3	"	D	Clay 17; boulders gravel 200; limestone 208. Water at 206.
OF Con I	E. Menne	J.B. Dufresne	Sep. 29	2	6	45	36	Salty	D	Clay 17; limestone 42. Water at 42.
OF Con I	L. Martin	G. Charbonneau	Sep. 29	2	9	45	31	Fresh	D	Clay 16; sand 169; boulders gravel 178; limestone 182. Water at 182.
OF Con II	Seguin Const.	"	Oct. 30	2	7	80	70	Sulphur	D	Clay 199; sand 203; gravel 206; limestone 214. Water at 214.
OF Con II	Garland Farm	J.B. Dufresne	July 10.	6	7	65	40	Fresh	D	Sand 10; blue clay 190; quicksand 240; limestone 254. Water at 254.
OF Con II	Taylor Const.	"	Nov. 9	6	6	65	40	"	T	Sand 27; clay 122; gravel 123; silt 190; gravel 206; limestone 206.
OF Con II	D. Poulin	Phillips Drilling	May 2	7	20	168	33	"	D	Clay 124; limestone 168. Water at 140.

Gloucester Twp. cont.	Taylor Const.	J. B. Dufresne	Nov. 30	6	100	55	30	Fresh	T	Clay 47; clay boulders 49; limestone 74. Water from 49 to 74.
OF Con II	"	"	Nov. 18	6	35	40	15	"	T	Clay 26; clay boulders 36; limestone 40. Water at 36.
OF Con II	"	"	Nov. 24	6	115	172	30	"	T	Clay 90; clay boulders 130; limestone 172. Water at 129 and 133.
OF Con II	"	"	Nov. 14	6	115	128	10	"	T	Clay 95; clay gravel 115; gravel 124; limestone 128. Water at 124.
OF Con II	"	"	Nov. 27	6	5	137	30	"	T	Clay 39; clay boulders 41; limestone 137. Water at 100.
OF Con II	P. Chenier	B. E. Sparks	Apr. 3	5	1	90	3	Sulphur	D	Clay 12; black shale 75; blue limestone 189. Water at 185.
OF Con II	"	"	Apr. 30	5	1	90	16	"	D	Clay 10; black shale 65; blue limestone 330. Water at 325.
OF Con II	"	"	May 25	5	1	90	20	"	D	Clay 10; black shale 65; blue limestone 336. Water at 330.
OF Con II	"	"	May 27	5	1	90	20	"	D	Clay 2; black shale 105; brown limestone 160; blue limestone 253. Water at 250.
OF Con II	"	"	June 4	5	6	26	10	"	D	Clay 4; limestone shale 113. Water at 110.
OF Con II	"	"	June 5	5	6	25	16	"	D	Clay 10; limestone shale 162. Water at 150.
OF Con II	"	"	June 12	5	6	25	16	"	D	Clay 10; limestone shale 170. Water at 155.
OF Con II	"	"	June 23	5	6	95	6	"	D	Clay 4; limestone shale 121. Water at 110.
OF Con II	"	"	July 3	5	6	20	12	"	D	Clay 2; limestone shale 175. Water at 160.
OF Con II	"	"	July 7	5	100	35	8	"	D	Clay 3; limestone shale 303. Water at 290.
OF Con II	"	"	Mar. 20	8	2	85	8	"	D	Clay 4; limestone 220. Water at 90.
OF Con II	Norwood Inter-est Ltd.	J. B. Dufresne	Mar. 22	8	60	65	Flows	Fresh	P	Clay 7; limestone 120. Water at 50 and 110.
OF Con II	"	"	Mar. 22	8	60	65	Flows	Fresh	P	Sand 30; limestone 100. Water at 100.
OF Con II	C. Smale	McLean Water	July 7	5	4	70	8	"	D	Clay gravel 9; dark shale 85. Water at 70.
OF Con II	V. Kunits	X. Giroux	Aug. 20	4	3	85	16	"	D	Clay gravel 30; dark shale 127. Water at 38 and 121.
OF Con II	G. Ethier	"	Nov. 5	4	3	60	20	"	D	Dark brown soil 9; dark shale 85. Water at 78.
OF Con IV	B. Cyr	"	Nov. 15	4	5	20	10	Sulphur	D	Blue clay 90; sand gravel 105; limestone 130. Water at 120.
OF Con IV	J. Leveque	"	Aug. 16	4	5	7	6	Salty	D	Brown till 8; blue clay 102; shaly blue limestone 115. Water from 105 to 115.
OF Con VIII	"	P. E. Johnston	Aug. 2	8	50	7	Flows	"	T	Clay 42; gravel boulders 70; limestone 90. Water at 88.
RF Con I	M. Lecluer	Well Drilling Co	Aug. 5	2	6	30	18	Fresh	D	Clay 48; limestone 77. Water at 77.
RF Con I	D. Davidson	J. B. Dufresne	Aug. 26	3	36	15	4	"	D	Blue clay gravel 22; black shale 43; grey shale 95. Water at 95.
RF Con I	Nat. Capital Cm	F. R. Cossette	Apr. 13	4	8	10	10	Sulphur	P	Clay 60; boulders gravel 99. Water at 99.
RF Con I	M. LaFortune	J. B. Dufresne	July 30	2	5	50	6	"	D	Brown clay 4; blue clay boulders 62; brown sand 67; limestone 69; sandstone 75. Water at 72.
RF Con I	B. Hobbs	F. E. Johnston	Sep. 26	4	8	13	12	"	D	Blue clay 50; hardpan 55; coarse sand 70; white limestone 80. Water at 80.
RF Con I	"	Drilling Co.	Jan. 15	4	8	13	12	"	D	Clay 44; silt 46; sandstone 56. Water at 56.
RF Con I	C. McCarthy	S. H. Mulligan	Sep. 7	5	3	12	10	"	D	Clay 52; sandstone 78. Water at 78.
RF Con I	G. Armbridge	Phillips Drilling	Oct. 17	4	8	12	10	"	D	Dug 11; limestone 52. Water at 52.
RF Con I	S. M. Smith	"	Mar. 3	4	4	19	19	"	D	Loam 14; limestone 52. Water at 52.
RF Con I	B. Carson	M. Meagher	Nov. 5	4	4	40	24	"	D	Clay 6; limestone 58. Water at 58.
RF Con II	B. Hanna	"	Nov. 11	4	2	32	18	"	D	Clay boulders 30; limestone 38. Water at 38.
RF Con II	M. O'Brien	"	Nov. 20	4	3	30	16	"	D	Clay 60; gravel 91; limestone 100. Water at 100.
RF Con II	L. Dowrey	"	Oct. 6	3	12	25	6	"	D	Stones hardpan 30; gravel stones 58. Water at 58.
RF Con III	M. McLeod	F. R. Cossette	Dec. 14	4	2	20	10	"	D	Clay 40; sand 90; gravel sand 108; limestone 125. Water at 125.
RF Con III	Wm. Heron	J. R. Kettles	July 28	3	13	28	18	"	D	Sand 105; boulders gravel 121; shale rock 130. Water at 121.
RF Con III	F. R. Cossette	F. R. Cossette	June 26	3	6	30	17	"	D	Sand 7; limestone 129. Water at 129.
RF Con III	H. C. Lyster	C. Dufresne	Oct. 3	3	12	25	15	"	D	Sand 10; clay 30; sand boulders 76; boulders gravel 98; grey limestone 128. Water at 128.
RF Con III	L. Tomlinson	F. R. Cossette	Mar. 21	3	4	40	30	"	D	Sand 10; clay 30; sand 74; boulders gravel 98; grey limestone 100. Water at 98.
RF Con III	Andrew Bros.	M. Cossette	Mar. 26	3	2	45	30	"	D	Sand 10; clay 30; sand 75; sand gravel boulders 98; grey limestone 110. Water at 106.
RF Con III	"	"	Mar. 31	3	2	40	30	"	D	Clay 40; sand 90; gravel 105; limestone 112. Water at 112.
RF Con III	"	"	Sep. 4	3	4	30	12	"	D	Sand 88; sandstone 140. Water at 135.
RF Con III	W. Zeritsez	Nat. Capital Commission	Nov. 2	3	10	25	11	"	D	Sand gravel 84; boulders 91; limestone 124. Water at 120.
RF Con III	D. Spratt	J. B. Dufresne	Jan. 29	4	5	45	40	"	D	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
CARLETON COUNTY-cont. Gloucester Twp-cont.										
RF Con III lot 24	E.Becker	F.R.Cossette	July 21	2	4	29	18	Fresh	D	Sand gravel 15;sandstone 44. Water at 44.
RF Con III " 30	W.Groulx	Phillips Drilling	Mar. 24	5	20	14	12	"	P	Clay sand 42;limestone 44. Water at 42.
RF Con IV " 7	L.Brunoni	R.H.Miller	June 4	2	4	50	28	"	P	Sand loam flat stones 50;coarse gravel boulders 120;soft grey shale 232. Water at 232.
RF Con IV " 7	A.Larchatre	F.R.Cossette	Aug. 28	3	6	30	16	"	D	Sand 64;limestone 69. Water at 69.
RF Con IV " 7	E.Pfitzer	"	Nov. 13	3	3	30	23	"	D	Clay 70;sand 83;limestone 90. Water at 90.
RF Con IV " 7	N.Tukovick	"	Nov. 13	3	3	30	23	"	D	Clay 70;sand 85;limestone 101. Water at 101.
RF Con IV " 7	Borden Steele	Phillips Drilling	Nov. 26	3	3	30	23	"	D	Sand 75;shale 175. Water at 170.
RF Con IV " 7	L.Karrizze	J.B.Dufresne	Dec. 18	3	3	40	45	Sulphur	D	Boulders gravel 47;gravel sand 70. Water from 53 to 70.
RF Con IV " 7	Borden Steele	Phillips Drilling	Dec. 31	3	3	45	30	Fresh	D	Clay 70;sandy limestone 107. Water at 100.
RF Con IV " 8	W.Stanford	F.R.Cossette	June 19	3	6	22	16	"	D	Sand 60;sand 97;limestone 149. Water at 149.
RF Con IV " 9	P.Picklick	J.B.Dufresne	Apr. 11	6	33	30	13	"	D	Sandy soil 10;sand gravel 33. Water at 33.
RF Con IV " 9	S.O'Brien	C.Dufresne	June 24	2	4	30	18	Fresh	D	Sand 114;black shale 116. Water at 114.
RF Con IV " 9	R.Bassailon	F.R.Cossette	July 4	3	5	16	6	"	D	Sand 60;limestone 70. Water at 70.
RF Con IV " 9	W.Henna	M.Cossette	Oct. 3	3	5	16	6	"	D	Sand 60;limestone 70. Water at 70.
RF Con IV " 9	L.Tomlinson	F.R.Cossette	Oct. 26	3	8	15	8	"	D	Sand 60;limestone 88. Water at 88.
RF Con IV " 11	H.Schneider	"	Mar. 31	3	12	15	7	"	D	Clay 15;sand 60;herdpan 74;limestone 92. Water at 92.
RF Con IV " 11	L.Kuntz	"	June 16	2	9	25	7	"	D	Sand 181;gravel 75;limestone 84. Water at 87.
RF Con IV " 11	C.Schmid	"	Sept. 7	2	9	25	7	"	D	Sand 181;gravel 75;limestone 84. Water at 87.
RF Con IV " 13	C.Sheepy	J.R.Kettles	Dec. 10	4	9	200	11	Sulphur	D	Stony black gravel 12;black shale 200. Water at 200.
RF Con IV " 24	M.Wallace	"	Jan. 10	4	9	23	23	Fresh	D	Gravelly sand 16;sand 37;coarse gravel 47;hard limestone with flint rock 74. Water at 74.
RF Con IV " 27	T.Jennings	M.Meagher	July 30	4	5	8	8	"	D	Gravel 8;limestone 90. Water at 50.
RF Con V " 9	L.Landry	J.R.Kettles	Mar. 13	4	14	9	5	Sulphur	D	Grey sand 15;black gravel 20;black shale 82. Water at 20 and 82.
RF Con V " 10	R.Renaud	"	Feb. 25	4	3	60	5	Fresh	D	Red sand 12;black muck 20;grey sand 45;black shale 74. Water at 74.
RF Con V " 10	G.Bourrice	F.R.Cossette	July 4	3	16	15	5	"	D	Clay 34;limestone 43. Water at 43.
RF Con V " 10	A.G.Larabie	"	Oct. 16	2	15	25	6	"	D	Sand 30;limestone 54. Water at 54.
RF Con V " 13	Nat.Capital	T.H.Adams	Sept. 26	4	8	27	9	"	D	Brown sand 8;blue clay 35;fine grey sand 41;grey shale 141. Water at 141.
RF Con V " 30	Commission	"	"	"	"	"	"	"	"	"
RF Con V " 30	M.Brisson	M.Cossette	July 25	2	4	19	10	"	D	Sand boulders 19;grey limestone 45. Water at 45.
RF Con V " 30	M.G.Owens	D.O.Machardy	Sept. 4	5	8	40	32	"	P	Loam boulders 12;greyish brown rock with quartz 56. Water at 35 and 52.
RF Con VI " 10	Storkner and Weidner	J.R.Kettles	July 14	4	6	20	11	"	D	Blue clay 123;sandy gravel 140;black gravel 145;black shale 175. Water at 175.
RF Con VI " 15	R.Welden	"	June 24	4	13	23	11	Salty	D	Red sand 15;blue clay 86;black gravel 93;black grey limestone 98. Water at 98.
RF Con VI " 16	D.Brenning	"	July 24	4	13	30	18	"	D	Red sand 12;blue black clay 97;gravel 110;black shale 143. Water at 143.
Goulbourn Twp.										
Con III lot 8	W.Lancaster	Phillips Drilling	July 3	5	20	20	10	Fresh	D	Till boulders 20;limestone 126. Water at 85.
Con III " 21	L.Arbuckle	M.Meagher	June 8	4	20	Flows	Flows	"	D	Clay 25;limestone 55. Water at 55.
Con IV " 7	G.Garland	"	Oct. 29	4	4	"	"	"	D	Clay 10;limestone 47. Water at 47.
Con IV " 21	D.Sherwood	Phillips Drilling	Oct. 26	2	10	"	"	"	D	Clay 24;limestone 93. Water at 93.
Con VI " 11	T.Settlington	F.P.Sparks	Mar. 20	4	5	15	10	"	D	Red loam 12;grey limestone 50. Water from 45 to 50.
Con VI " 28	E.Shora	W.J.King	May 5	4	6	8	7	"	D	Earth 3;grey clay 45;limestone 114. Water at 114.
Con VII " 7	R.Wellstood	M.McLaughlin	Nov. 25	6	20	10	7	"	D	Clay 5;limestone 100. Water at 93.
Con VII " 18	M.Graham	F.A.McLean & Son	Nov. 5	5	5	32	21	"	D,S	Loam 10;limestone 55. Water at 55.
Con VII " 18	M.Graham	M.McLaughlin	Dec. 2	5	5	37	28	"	D,S	Earth stones 8;soft limestone 107. Water at 85.
Con VII " 26	A.B.Argue	W.McLaughlin	May 10	6	20	30	15	"	S	Clay 20;limestone 105. Water from 40 to 50 and 95 to 105.
Con VIII " 17	O.Riley Roche	M.McLaughlin	Nov. 7	6	10	45	20	"	D	Clay 5;limestone 120. Water at 104.
Con VIII " 5	G.Mears	McLean Water Supl.	Aug. 15	5	5	.70	70	"	D,S	Loam 4;limestone 120. Water at 120.



Con	lot	E. Healey	P.P. Sparks	Apr.	3	4	3	35	20	Fresh	D	Coarse gravel 30; grey limestone 84. Water from 75 to 84.
Con VIII	17	G. Black	"	Feb. 19	3	4	3	50	20	"	D	Previously drilled 84; limestone 125. Water at 125.
Con VIII	"	P. Vona	"	May 16	3	4	8	15	20	"	D	Gravel 10; red loam 22; grey limestone 65. Water at 55.
Con VIII	"	D. Larkin	"	Aug. 22	4	4	10	Flows	Flows	"	D	Pine red sand 20; clay 30; limestone 62. Water at 82. 55.
Con IX	"	"	"	Oct. 27	4	4	5	15	15	"	D	Sandy loam 21; grey limestone 55. Water at 45 to 57.
Con IX	"	"	"	May 29	4	4	17	15	10	"	D	Sand gravel 14; dark limestone 81. Water at 55.
Con IX	"	School S. #14	"	Aug. 10	4	4	17	Flows	Flows	"	D	Sand gravel 10; grey limestone 36. Water at 81.
Con X	"	E. Sample	"	Oct. 14	4	4	3	13	10	"	D	Coarse gravel 10; grey limestone 36. Water at 36.
Con X	"	R.W. Berry	"	Dec. 16	4	4	3	15	13	"	D	Gravel 12; grey limestone 36. Water at 36.
Con X	"	J.P. Chenier	"	Jan. 13	4	4	3	12	12	"	D	Broken rock 24; grey limestone 68. Water from 66 to 68.
Con X	"	"	"	Jan. 13	4	4	3	12	12	"	D	Broken rock 20; grey limestone 54. Water from 52 to 54.
Con X	"	"	"	Jan. 28	4	4	6	35	16	"	D	Broken rock 20; grey limestone 79. Water from 77 to 79.
Con X	"	"	"	Feb. 3	4	4	6	30	16	"	D	Broken rock 12; grey limestone 61. Water from 58 to 61.
Con X	"	"	"	Feb. 6	4	4	6	30	16	"	D	Broken rock 18; grey limestone 62. Water from 60 to 62.
Con X	"	"	"	Feb. 11	4	4	6	25	16	"	D	Broken rock 20; grey limestone 95. Water from 93 to 95.
Con X	"	B.E. Sparks	"	Feb. 13	5	5	6	30	16	"	D	Broken rock 20; grey limestone 62. Water from 60 to 62.
Con X	"	W.M.E. Sparks	"	Feb. 14	4	4	5	7	12	"	D	Broken rock 22; grey limestone 65. Water from 64 to 65.
Con X	"	T. Adams	"	Feb. 18	4	4	5	16	12	"	D	Broken limestone 20; grey limestone 62. Water from 60 to 62.
Con X	"	W.M.E. Sparks	"	Feb. 20	4	4	5	7	10	"	D	Broken rock 20; grey limestone 60. Water from 58 to 60.
Con X	"	W.M.E. Sparks	"	Feb. 25	4	4	5	15	16	"	D	Sand 12; limestone 60. Water at 50.
Con X	"	McLean Water Sup.	"	Feb. 27	4	4	5	16	16	"	D	Brown rock 20; grey limestone 61. Water from 59 to 61.
Con X	"	T. Adams	"	Feb. 28	4	4	5	25	24	"	D	Sand boulders 18; limestone 65. Water at 65.
Con X	"	W.M.E. Sparks	"	Mar. 8	4	4	5	12	12	"	D	Broken rock 22; grey limestone 76. Water from 75 to 76.
Con X	"	"	"	Mar. 13	4	4	5	12	12	"	D	Broken rock 19; grey limestone 57. Water from 55 to 57.
Con X	"	"	"	Mar. 21	4	4	5	14	14	"	D	Broken rock 14; grey limestone 60. Water from 58 to 60.
Con X	"	"	"	Mar. 28	4	4	5	16	16	"	D	Broken rock 32; grey limestone 33. Water at 33.
Con X	"	"	"	Apr. 8	4	4	5	16	16	"	D	Broken rock 52; grey limestone 65. Water from 63 to 65.
Con X	"	"	"	Apr. 13	4	4	5	8	8	"	D	Broken rock 21; grey limestone 59. Water from 57 to 59.
Con X	"	"	"	Apr. 14	4	4	5	14	10	"	D	Broken rock 31; grey limestone 77. Water from 75 to 77.
Con X	"	W.M.E. Sparks	"	Apr. 22	4	4	5	16	16	"	D	Broken rock 22; grey limestone 60. Water from 58 to 60.
Con X	"	K.L. Sparks	"	Apr. 29	4	4	5	14	8	"	D	Broken rock 40; grey limestone 75. Water from 73 to 75.
Con X	"	W.M.E. Sparks	"	May 1	4	4	5	15	7	"	D	Broken rock 20; grey limestone 63. Water from 61 to 63.
Con X	"	McLean Water Supl	"	May 12	5	5	5	28	25	"	D	Sand boulders 31; limestone 75. Water at 75.
Con X	"	P.P. Sparks	"	May 21	4	4	5	10	5	"	D	Broken rock 20; grey limestone 65. Water from 63 to 65.
Con X	"	"	"	May 22	4	4	5	10	5	"	D	Broken rock 20; grey limestone 60. Water from 53 to 55.
Con X	"	"	"	May 22	4	4	5	12	8	"	D	Broken rock 22; grey limestone 65. Water from 63 to 65.
Con X	"	K.L. Sparks	"	June 3	4	4	5	25	16	"	D	Previously drilled 58; deepened well 116. Water at 58 and 116.
Con X	"	W.J. King	"	July 18	4	4	5	14	12	"	D	Broken rock 35; grey limestone 98. Water from 96 to 98.
Con X	"	B.E. Sparks	"	July 10	4	4	5	16	14	"	D	Previously drilled 59; limestone 107. Water at 80.
Con X	"	W.M.E. Sparks	"	Sep. 9	4	4	5	12	12	"	D	Broken rock 26; grey limestone 70. Water from 68 to 70.
Con X	"	W.M.E. Sparks	"	Sep. 21	4	4	5	12	12	"	D	Broken rock 26; grey limestone 98. Water from 96 to 98.
Con X	"	"	"	Oct. 2	4	4	5	16	16	"	D	Broken rock 28; grey limestone 70. Water from 68 to 70.
Con X	"	"	"	Oct. 13	4	4	5	16	16	"	D	Broken rock 28; grey limestone 70. Water from 68 to 70.
Con X	"	"	"	Oct. 20	4	4	5	16	16	"	D	Broken rock 20; grey limestone 62. Water from 60 to 62.
Con X	"	"	"	Nov. 2	4	4	5	16	16	"	D	Broken rock 28; grey limestone 75. Water from 73 to 75.
Con X	"	"	"	Jan. 10	5	5	5	12	12	"	D	Sand boulders 31; limestone 75. Water at 75.
Con X	"	"	"	Jan. 13	5	5	5	14	14	"	D	Sand boulders 32; limestone 73. Water at 73.
Con X	"	"	"	Jan. 15	4	4	6	24	8	"	D	Sand boulders 10; clay boulders 28; limestone 82. Water at 82.
Con X	"	Stittsville Lumber Co.	"	Jan. 22	5	4	5	30	24	"	D	Sand boulders 28; limestone 75. Water at 75.
Con X	"	W.J. King	"	Feb. 15	5	4	5	10	8	"	D	Sand boulders 20; clay boulders 20; limestone 84. Water at 84.
Con X	"	McLean Water Supl	"	Mar. 6	5	5	5	13	13	"	D	Sand boulders 25; limestone 75. Water at 75.
Con X	"	Stittsville Lumber Co.	"	Mar. 12	5	5	5	12	12	"	D	Sand boulders 22; limestone 75. Water at 75.
Con X	"	F.A. McLean & Son	"									
Con X	"	Hobin Homes It	"									

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY- Goulbourn Twp. cont.										
Con X lot 24	Hobin Homes Lt	McLean Water Supl	Mar. 23	5	5	15	8	Fresh	D	Sand boulders 27;limestone 75. Water at 75.
Con X " 24	"	"	Apr. 10	5	5	16	14	"	D	Sand boulders 27;limestone 75. Water at 75.
Con X " 24	"	"	Apr. 17	5	5	17	11	"	D	Sand boulders 28;limestone 75. Water at 75.
Con X " 24	"	"	Apr. 24	5	5	17	11	"	D	Sand boulders 28;limestone 75. Water at 75.
Con X " 24	J.P.Chenier	K.L.Sparks	Apr. 27	4	5	15	15	"	D	Broken rock 21;grey limestone 70. Water from 68 to 70.
Con X " 24	Hobin Homes Lt	McLean Water Supl	May 4	5	5	15	15	"	D	Sand boulders 31;limestone 75. Water at 75.
Con X " 24	Municipal	F.P.Sparks	May 4	5	5	30	25	"	D	Coarse gravel 10;red sand 3;grey limestone 125. Water from 90 to 110.
Con X " 24	J.P.Chenier	W.M.E.Sparks	May 6	4	5	20	9	"	D	Broken rock 21;grey limestone 70. Water from 68 to 70.
Con X " 24	"	K.L.Sparks	May 7	4	5	20	8	"	D	Broken rock 21;grey limestone 80. Water from 78 to 80.
Con X " 24	"	W.M.E.Sparks	May 12	4	5	20	8	"	D	Broken rock 23;grey limestone 83. Water from 81 to 83.
Con X " 24	"	K.L.Sparks	May 18	4	5	15	8	"	D	Broken rock 20;grey limestone 85. Water from 83 to 85.
Con X " 24	"	"	May 18	4	5	15	12	"	D	Broken rock 24;grey limestone 70. Water from 68 to 70.
Con X " 24	Hobin Homes Lt	McLean Water Supl	May 19	4	5	15	12	"	D	Sand boulders 36;limestone 75. Water at 75.
Con X " 24	J.P.Chenier	W.M.E.Sparks	May 26	4	5	15	12	"	D	Broken rock 20;grey limestone 63. Water from 61 to 63.
Con X " 24	"	"	May 26	4	5	15	12	"	D	Broken rock 20;grey limestone 55. Water from 51 to 55.
Con X " 24	"	K.L.Sparks	May 27	4	5	12	18	"	D	Broken rock 21;grey limestone 70. Water from 68 to 70.
Con X " 24	"	"	June 15	4	5	12	12	"	D	Broken rock 21;grey limestone 100. Water from 98 to 100.
Con X " 24	"	"	June 27	4	5	38	36	"	D	Broken rock 20;grey limestone 102. Water from 100 to 102.
Con X " 24	"	"	July 27	4	5	12	12	"	D	Broken rock 16;grey limestone 69. Water from 67 to 69.
Con X " 24	"	W.M.E.Sparks	July 31	4	5	18	8	"	D	Sand boulders 38;limestone 75. Water at 75.
Con X " 24	"	McLean Water Supl	Aug. 20	5	5	25	22	"	D	Sand boulders 35;limestone 73. Water at 73.
Con X " 24	"	"	Oct. 12	5	5	25	25	"	D	Broken rock 18;grey limestone 55. Water from 53 to 55.
Con X " 24	"	"	Oct. 17	4	5	4	4	"	D	Loose rock 15;grey limestone 60. Water at 60.
Con X " 24	P.E.Chenier	F.Gamisch	Nov. 9	4	5	20	15	"	D	Loose rock 12;grey limestone 65. Water at 65.
Con X " 24	"	"	Nov. 18	4	5	12	10	"	D	Broken rock 15; grey limestone 45. Water from 43 to 45.
Con X " 24	P.E.Chenier	W.M.E.Sparks	Nov. 18	4	5	22	20	"	P	Red sand 24;grey limestone 72. Water at 72.
Con X " 24	N.Kisell	F.P.Sparks	Nov. 28	4	5	35	30	"	P	Gravel 10;red sand 35;grey limestone 125. Water at 125.
Con X " 24	Goulbourn Town	"	Dec. 15	4	5	35	30	"	P	Gravel 10;red sand 35;grey limestone 125. Water at 125.
Con X " 26	Ship Office	"	Apr. 26	4	5	20	15	"	"	Coarse gravel 25;grey limestone 60. Water from 50 to 60.
Con XI " 23	W.Moore	"	Oct. 26	4	20	8	15	"	D,S	Clay loam 6;limestone 50. Water from 7 to 50.
Con XI " 23	G.Lowe	M.McLaughlin	Feb. 2	4	5	15	12	"	D	Fine sand 26;hardpan 28;limestone 56. Water at 56.
Con XI " 23	"	W.J.King	"	"	"	"	"	"	"	"
Con XI " 23	"	"	July 10	4	5	8	7	"	"	Sand 27;clay 29;limestone 70. Water at 70.
Con XI " 23	"	"	July 22	4	5	8	7	"	"	Sand 27;clay 29;limestone 70. Water at 70.
Con XI " 23	"	"	July 31	4	5	8	7	"	"	Sand 27;clay 30;limestone 71. Water at 71.
Con XI " 23	J.G.Hueston	F.P.Sparks	Aug. 14	4	5	20	15	"	"	Previously drilled 57;limestone 70. Water from 65 to 70.
Con XI " 23	Stittsville	W.J.King	Aug. 21	4	5	27	22	"	"	Sand 30;limestone 82. Water at 82.
Con XI " 23	Lumber Co.	"	"	"	"	"	"	"	"	"
Con XI " 23	"	"	Sep. 17	4	5	20	18	"	"	Sand 9;gravel boulders 31;limestone 70. Water at 70.
Con XI " 23	J.G.Hueston	F.P.Sparks	Oct. 1	4	5	22	20	"	"	Red sand 25;grey limestone 75. Water at 75.
Con XI " 23	Stittsville	W.J.King	Oct. 8	4	5	17	17	"	"	Sand boulders 14;limestone 70. Water at 70.
Con XI " 23	Lumber Co.	"	"	"	"	"	"	"	"	"
Con XI " 23	"	"	Oct. 29	4	5	3	3	"	"	San gravel 18;gravel boulders 28;limestone 72. Water at 72.
Con XI " 23	"	"	Nov. 19	4	5	3	3	"	"	Sand gravel 12;clay 16;limestone 70. Water at 69.
Con XI " 23	A.Steggles	McLean Water Supl	Apr. 3	4	5	40	18	"	"	Sand boulders 28;limestone 90. Water at 90.
Con XI " 25	W.A.Savage	"	Apr. 23	5	5	20	20	"	"	Loam 11;limestone 75. Water at 75.
Con XI " 26	J.P.Chenier	B.E.Sparks	Apr. 28	4	5	15	15	Sulphur	"	Limestone 70. Water at 65.
Con XI " 26	"	W.M.E.Sparks	May 30	4	5	15	15	Fresh	"	Broken rock 20;grey limestone 87. Water from 85 to 87.
Con XI " 26	"	"	June 6	4	5	32	12	"	"	Broken rock 20;grey limestone 76. Water from 74 to 76.

CARLETON COUNTY- cont.

Goulbourn Twp.	cont.	J.P.Chenier	W.M.E.Sparks	July 1	4	5	16	16	Fresh	D	Broken rock 20;grey limestone 83. Water from 81 to 83. Broken rock 16;grey limestone 90. Water from 88 to 90. Clay 24;limestone 102. Water at 80.
Con XI	lot 26	"	"	July 10	4	5	20	20	"	D	
Con XI	" 26	"	B.E.Sparks	July 15	4	6	20	20	"	D	
Con XI	" 26	"	W.M.E.Sparks	July 18	4	6	20	20	"	D	Broken rock 20;grey limestone 87. Water from 85 to 87. Clay 25;broken limestone 32;limestone 103. Water at 80.
Con XI	" 26	"	B.P.Sparks	July 24	4	6	20	20	"	D	Sandy loam 20;grey limestone 99. Water from 65 to 75. Limestone 82. Water at 75.
Con XI	" 26	"	B.E.Sparks	July 28	4	5	25	15	"	D	Sandy loam 33;grey limestone 80. Water from 65 to 70. Limestone 85. Water at 85.
Con XI	" 26	"	F.P.Sparks	July 30	4	5	25	20	"	C	Silt 5;silt boulders 16;limestone 119. Water at 75, 110 and 119.
Con XII	" 26	Knox Motors	W.Moloughney	May 26	6	10	60	30	"	P	
Con XII	" 26	Mobile Homes	"	"	"	"	"	"	"	"	
Con XII	" 26	G.R.Kirchner	F.P.Sparks	Aug. 11	5	4	25	15	"	D	Sandy loam 25;grey limestone 68. Water at 68. Sand boulders 12;limestone 103. Water at 103.
Con XII	" 26	Cooley Const.	Moloughney Water Supl	Oct. 30	5	5	60	10	"	D	Stone clay sand 4;sandstone 63. Water at 60.
Con XII	" 32	S.Lemoin	J.B.Dufresne	Nov. 10	2	3	22	7	"	D	
Hurtley Twp.	lot 5	J.Davidson	B.E.Sparks	Aug. 14	5	6	25	12	Fresh	S	Dug 17;hardpan 40;broken limestone 49;hard limestone 64. Water at 63.
Con I	" 18	A.E.Cavanagh	D.O.MacHardy	Oct. 19	5	10	25	17	"	D	Loam 6;blue clay 60;quicksand 102;gravel 108. Water at 108. Sand 80;gravel boulders 82. Water at 82.
Con II	" 18	S.Patrick	J.B.Dufresne	Nov. 16	3	4	20	14	"	D	Brown clay 11;sand 124;shale 145. Water at 145. Clay loam 14;blue clay 36;hardpan 74;gravel 75. Water at 75.
Con II	" 19	H.Armstrong	D.O.MacHardy	Oct. 25	3	10	70	45	"	D	
Con II	" 11	D.Ross	W.M.E.Sparks	Dec. 5	4	7	30	16	"	D,S	Soil 3;silty clay 20;soft blue clay 80;silty sand 32;silty sand gravel 54;silty sand clay 104;sand gravel 115;sand gravel clay 117;sand gravel 132;clay 138;rock 139. Water at 104.
Con II	" 16	J.Shackleton	D.O.MacHardy	Oct. 16	5	10	50	15	"	D	
Con III	" 20	Dep. of Nat. Defence	International Water Supply	Aug. 27	8	154	9	8	"	P	
Con III	" 20	"	"	Sep. 9	8	225	13	9	"	P	Soil 14;hard white clay 2;sandy clay 18;soft blue clay 55; sand clay 8;sand gravel 90;coarse sand gravel boulders 122.
Con III	" 20	"	"	Sep. 23	10				"	T	Soil 1;grey clay 15;soft silty blue clay 53;soft brown clay 72;brown clay silty sand 87;packed sand gravel boulders 100; coarse sand gravel boulders 129;coarse sand gravel 196.
Con III	" 20	"	"	Sep. 28	10				"	T	Soil 3;brown clay 10;blue clay 47;sandy clay 70;sandy clay gravel 117;limestone 118.
Con III	" 22	R.Smith	J.B.Dufresne	Oct. 20	6	2	100	30	"	D	Clay boulders 12;red granite 180. Water at 170.
Con III	" 23	C.Payne	D.O.MacHardy	July 11	6	1	150	20	"	D	Soil 3;red granite 150. Water at 55.
Con III	" 23	W.Macnutt	"	Oct. 28	5	5	34	20	"	D	Brown clay 12;blue clay 52;quicksand 60;sand 75;blue clay 95; sand 103;gravel 110. Water at 110.
Con III	" 23	T.Carruthers	"	Dec. 18	4	1	220	18	"	S	Brown clay 12;broken rock 20;rock 220. Water at 140.
Con IV	" 20	W.Armstrong	K.Presley	Nov. 10	5	7	20	10	"	D	Blue clay 94;gravel 110. Water at 110.
Con IV	" 21	L.Armstrong	"	Oct. 22	5	10	20	10	"	D	Blue clay 90;limestone 100. Water at 96.
Con V	" 20	J.C.MacDonald	A.Stanton	Oct. 4	5	8	112	12	Sulphur	D	Loam sand stones 12;grey limestone 224. Water at 91, 175 and 220.
Con VI	" 21	W.Hodgins	"	Oct. 20	5	10	38	Flows	"	D	Loam stones 17;grey limestone 300. Water at 295.
Con VII	" 10	A.Howie	F.P.Sparks	Dec. 22	4	5	15	10	Fresh	S	Previously drilled 37;limestone 83. Water at 83.
Con VIII	" 14	E.Scott	A.Stanton	Dec. 7	5	10	60	18	"	D	Sand 13;grey limestone 90. Water at 63, 70 and 88.
Con IX	" 16	S.Scott	"	May 12	5	10	28	8	"	D	Hardpan stones 12;grey limestone 85. Water at 45, 66 and 80.
Con X	" 14	"	W.V.Nugent	Nov. 11	6	1	70	12	"	D	Sand clay loam 11;sandstone 97. Water at 90.
Con XI	" 6	F.Hamilton	W.Moloughney	Nov. 13	4	15	30	25	"	D,S	Previously drilled 79;sandstone 100. Water from 90 to 100.
Con XII	" 22	H.Grace	"	May 18	5	7	60	10	"	D,S	Clay 4;limestone 57. Water from 45 to 57.
Con XII	" 23	J.Forrest	A.Stanton	Aug. 14	5	4	60	10	"	D	Grey limestone 65. Water at 42 and 60.
Con XII	" 24	E.Grace	"	"	"	"	"	"	"	"	
March Twp.	lot 18	D.McHale	D.O.MacHardy	July 10	4	10	8	6	Fresh	D	Grey clay 20;sand gravel 23;limestone 36. Water at 35.
Con II	"	"	"	"	"	"	"	"	"	"	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>CARLETON COUNTY-- cont.</b>										
March Twp. cont.										
Con III lot 1	Ranney Const.	McLean Water Supl	July 25	5	5	40	17	Fresh	C	Clay 25;sandstone 83. Water at 83.
Con III " 7	A. Mackie	M. Meagher	May 14	4	5	Flows	Flows	"	D	Loam 2;Nepean sandstone 60. Water at 60.
Con IV " 11	W. Loates	B. Phillips Drilling	June 16	5	1	40	24	"	D	Clay 8;sandstone 40. Water at 40.
Con IV " 14	J. Murphy	M. Meagher	Sept. 15	4	2	26	18	"	D	Sandstone 71. Water at 71.
Con IV " 16	T. Baskin	"	Mar. 1	4	4	18	18	"	D	Sandstone 56. Water at 56.
Con IV " 16	"	"	May 6	4	14	3	3	"	D	Loam 2;Nepean sandstone 60. Water at 60.
Con IV " 16	M. Kostenuk	"	May 26	4	5	9	70	Slight	D, S	Clay loam 1;limestone 70. Water at 70.
Con VI " 19	H. Read	B.E. Sparks	Mar. 9	5	7	110	75	Sulphur	P	Clay 2;limestone 180. Water at 170.
Con VII " 17	YMCA Camp	McLean Water Supl	June 9	5	5	90	75	Fresh	P	Loam 1;limestone 120. Water at 120.
<b>Marlborough Twp.</b>										
BF lot 1	Dept. of Lands & Forests	I. Simzer & Sons	Mar. 19	5	15	20	15	Fresh	P	Sand 4;clay 68;gravel 69;limestone 122. Water at 122.
BF " 1	"	C.V. Morrison	Aug. 5	4	7	15	15	"	P	Sandy loam 5;blue clay 35;gravel 50;limestone 102. Water at 99.
BF " 2	"	I. Simzer & Sons	Mar. 31	5	15	6	3	"	P	Clay 58;gravel 62;limestone 104. Water at 104.
BF " 2	"	"	Dec. 23	5	15	18	8	"	P	Sand 4;clay 49;limestone 115. Water at 115.
BF " 3	"	"	Feb. 25	5	15	6	4	"	P	Sand 8;clay 30;gravel 32;limestone 101. Water at 101.
BF " 3	"	"	Mar. 10	5	15	2	2	"	P	Sand 12;gravel 20;limestone 113. Water at 113.
BF " 6	F. Herbertson	C.V. Morrison	May 8	4	12	20	6	"	P	Clay 30;fine gravel 32;limestone 54. Water at 54.
Con I " 2	H. Patterson	J.B. Dufresne	June 13	6	50	10	4	"	C	Clay boulders gravel 53;limestone 60. Water from 53 to 60.
Con I " 27	L. Murray	N. Lackie	May 30	5	15	10	8	"	C	Clay 5;limestone 43. Water at 43.
Con I " 27	F. Gutter	Johnston Drilling	Aug. 7	2	5	14	4	"	D	Grey limestone 20. Water at 20.
Con I " 30	Industrial Farm	C. Goodberry	July 2	7	60	3	0	"	P	Soil 2;clay 53;sandstone 147 1/2. Water at 90 and 140.
Con II " 25	School S. #12	Well Drilling Co.	Sep. 5	5	10	8	8	"	P	Limestone 32. Water at 32.
Con VII " 2	H. Rose	D.C. MacHardy	Sep. 15	4	4	13	14	"	D	Loam 1;hard grey limestone 153. Water at 153.
Con VIII " 2	W. Jopiewsky	M. Meagher	June 18	4	5	13	13	"	D	Clay boulders 24;gravel 32;limestone 53. Water at 53.
Con VIII " 3	R.A. Stewart	McLean Water Supl	Dec. 16	5	10	10	8	"	D, S	Sand boulders 30;limestone 84. Water at 84.
Con IX " 1	E. Todd	P.P. Sparks	June 10	4	5	20	15	"	D	Coarse gravel 20;grey limestone 55. Water from 45 to 55.
<b>Nepean Twp.</b>										
lot 9	J. Dirks	B.E. Sparks	Jan. 14	4	4	45	12	Fresh	D	Broken rock fill 8;limestone 60. Water at 58.
OF Con A	N. Derouin	J.B. Dufresne	Sep. 4	6	2	80	12	"	D	Grey limestone 90. Water at 85.
OF Con A	J. Dirks	B.E. Sparks	Sep. 18	4	6	16	12	"	D	Limestone 58. Water at 55.
OF Con A	N. Hansen	M. Meagher	Jan. 2	4	5	8	8	"	D	Grey limestone 50. Water at 50.
OF Con A	P. Gallin	Phillips Drilling	July 1	5	3	14	12	"	D	Sand 8;limestone 40. Water at 40.
OF Con A	B. Wright	"	July 8	5	3	14	12	"	D	Clay 6;limestone 60. Water at 60.
OF Con A	P. Gamman	"	Sep. 10	4	3	18	16	"	D	Limestone 52. Water at 52.
OF Con I	J. Burke	M. Meagher	Jan. 4	4	5	90	16	"	D	Blue clay 55;red limestone 128. Water at 126.
OF Con I	Northern Electric	B.E. Sparks	Apr. 16	10	95	52	5	"	In	Clay boulders 3;hard grey limestone 22;hard dark grey limestone 69;light grey limestone 72;hard black limestone 84.
OF Con I	M. Aubin	McLean Water Supl	Aug. 6	5	7	40	25	"	D	Water from 37 to 41, 46 to 49, 52 to 76.
OF Con II	Bellwood	"	July 1	6	100	100	25	"	P	Clay 55;limestone 128. Water at 128.
OF Con II	Mobile Homes	"	Oct. 9	6	160	45	12	"	P	Clay 28;limestone 170. Water at 170.
OF Con II	Cooper Const.	"	Sep. 21	7	200	26	12	"	P	Clay 47;limestone 155;sandstone 275. Water at 275.
OF Con II	Teron Const.	"	Nov. 20	6	172	49	12	"	P	Clay 40;sand 60;gravel 80. Water at 60 to 80.
OF Con II	"	"	Nov. 24	6	30	35	7	"	P	Clay loam 9;sand 75;fine gravel sand 90;sand 115;limestone 21;sandstone 265. Water at 265.
OF Con II	"	"	Aug. 24	4	4	15	15	"	P	Clay large boulders 22;sand fine gravel 36;grey limestone 64. Water at 64.
RF Con A	W. Watson	M. Meagher	June 18	4	4	35	25	"	D	Clay 62;gravel 64;limestone 65. Water at 65.
RF Con A	B. Kilroy	P.R. Cossette	June 18	4	5	35	25	"	D	Clay 20;sand 34;limestone 54. Water at 54.



RF Con A	lot 24	A. Maier	V. Cossette	Aug. 19	4	6	28	16	Fresh	D	Strata
RF Con A	" 24	R.A. Dugas	McLean Water Supl	Dec. 2	5	15	51	51	"	D	Sand 42;boulders hardpan 60;limestone 80;sandstone 142. Water at 138.
RF Con A	" 25	H.C. Taylor	T.H. Adams	Feb. 3	4	8	59	51	"	D	Sand 78;limestone 100. Water at 100. Coarse brown sand 6;blue clay 76;quicksand 99;limestone 112. Water at 112.
RF Con A	" 26	Hausen Const.	J.B. Dufréne	Feb. 13	6	3	50	40	"	D	Sandy loam 20;clay sand 68;limestone 90. Water at 80.
RF Con A	" 27	D.Harkness	P.R. Cossette	Apr. 16	5	20	40	33	"	D	Fine sand 35;limestone 86. Water at 86.
RF Con A	" 28	H.Cain	Phillips Drilling	Apr. 16	5	20	20	15	"	D	Clay 39;sandstone 55. Water at 50.
RF Con A	" 29	J.R. Noel	"	May 27	7	20	11	10	"	D	Sandy clay 57;sandstone 63. Water at 58.
RF Con A	" 30	H. Rosinski	"	May 27	5	10	15	14	"	D	Clay 40;sand 42;limestone 78. Water at 60.
RF Con A	" 31	Sani Const.	"	May 27	7	50	65	45	"	C	Clay 98;sand 100;sandstone 137. Water at 120.
RF Con A	" 32	G. Perkins	T.H. Adams	June 6	4	8	60	51	"	D	Brown sand 12;blue clay 51;fine quicksand 66;limestone 100. Water at 100.
RF Con A	" 33	J. Wegrinetz	F.R. Cossette	June 6	4	5	43	33	"	D	Sand 33;limestone 83. Water at 83.
RF Con A	" 34	J.B. Dow	"	July 9	4	7	43	33	"	D	Sand 40;limestone 87. Water at 87.
RF Con A	" 35	D. Rusch	"	July 11	4	7	60	45	"	D	Clay 40;limestone 103. Water at 103.
RF Con A	" 36	Riant Homes	W. Moloughney	July 15	4	5	50	30	"	D	Clay 40;sand 70;hardpan boulders 90;grey limestone 137. Water at 125 to 137.
RF Con A	" 37	D. Morcombe	McLean Water Supl	July 21	5	5	57	25	"	D	Sand 50;limestone 113. Water at 113.
RF Con A	" 38	F. Laise	"	July 31	5	5	20	18	"	D	Sand 42;limestone 95. Water at 95.
RF Con A	" 39	R.C. Baker	Phillips Drilling	Aug. 1	5	3	60	35	"	D	Sand 68;sandstone 104; Water at 102.
RF Con A	" 40	A. Verheyden	W. Moloughney	Aug. 15	5	3	65	30	"	D	Clay 30;sand 67;limestone 140. Water at 100 and 130 to 140.
RF Con A	" 41	R. Blackburn	C. Dufréne	Sep. 1	4	4	20	9	"	D	Clay sand 60;limestone 115. Water at 115.
RF Con A	" 42	R. Taylor	F.R. Cossette	Sep. 2	4	6	72	45	"	D	Sand 72;gravel sand 84;limestone 107. Water at 107.
RF Con A	" 43	R. Switzer	J.B. Dufréne	Sep. 17	6	5	60	50	"	D	Sandy clay 40;sand boulders 72. Water at 78.
RF Con A	" 44	D. Samure	D.O. MacHardy	Oct. 3	5	8	50	47	"	D	Brach sand 8;blue clay 35;quicksand 50;white sand 60;hardpan 65;shale 72. Water at 72.
RF Con A	" 45	O'Reilly/Sons	Phillips Drilling	Oct. 8	5	6	40	38	"	D	Sand 53;sandstone 67. Water at 67.
RF Con A	" 46	W.E. Parsons	F.R. Cossette	Oct. 10	4	5	52	34	"	D	Sand 40;limestone 88. Water at 88.
RF Con A	" 47	Riant Homes	W. Moloughney	Oct. 26	5	5	40	30	"	D	Clay 30;sand 63;limestone 89. Water at 89.
RF Con A	" 48	E. Talback	J.B. Dufréne	Nov. 10	5	17	65	38	"	D	Sand 52;boulders 34;limestone 95. Water at 90.
RF Con A	" 49	Riant Homes	"	Dec. 5	2	5	65	45	"	D	Sandy soil 68;limestone 95. Water at 90.
RF Con A	" 50	H.W. Smith	Phillips Drilling	Dec. 8	5	6	37	35	"	D	Sand 37;sandstone 74. Water at 74.
RF Con A	" 51	W. Vanterve	W. Moloughney	Dec. 10	5	5	40	30	"	D	Clay 30;sand 43;limestone 78. Water at 78.
RF Con A	" 52	Riant Homes	J.B. Dufréne	Dec. 13	6	6	60	42	"	D	Sandy soil 57;limestone 91. Water at 85.
RF Con A	" 53	M.F. Saikaley	"	Oct. 31	2	25	65	40	"	D	Clay 15;sand 45;gravel 77. Water at 50 to 77.
RF Con A	" 54	H.I. McEvoy	"	Sep. 27	6	20	50	40	"	F	Sand 10;clay sand 20;gravel sand 70. Water at 60 to 70.
RF Con A	" 55	R. Coates	"	May 5	8	4	25	5	"	D	Sand 54;gravel 60. Water at 58.
RF Con A	" 56	Minto Const.	F.A. McLean & Son	Mar. 17	10	75	220	51	"	F	Clay 70;hardpan 60. Water at 643.
RF Con A	" 57	"	"	Oct. 1	6	5	95	25	"	F	540;sandstone 643. Water at 643.
RF Con A	" 58	Dairy Queen	McLean Water Supl	Mar. 19	6	5	20	70	"	C	Loam 2;hardpan 14;limestone 155. Water at 155.
RF Con A	" 59	Ice Cream	Phillips Drilling	Mar. 19	5	20	70	12	"	C	Clay 6;limestone 97. Water at 10 and 90.
RF Con A	" 60	Armstrong Const	McLean Water Supl	Sep. 5	5	4	150	24	"	F	Silt 30;limestone 246. Water at 246.
RF Con A	" 61	D. Fraser	Phillips Drilling	Sep. 7	5	6	24	20	"	F	Broken shale 30;limestone 128. Water at 100.
RF Con A	" 62	Armstrong Const	McLean Water Supl	Nov. 24	5	10	15	12	"	C	Silt 18;limestone 150. Water at 150.
RF Con A	" 63	P. Mansfield	M. Meagher	Aug. 19	5	4	21	21	"	C	Silt 52;gravel 59;limestone 61. Water at 61.
RF Con I	" 16	H.C. Johnson	Phillips Drilling	July 25	2	3	25	20	"	D	Clay 75;sandstone 100. Water at 75.
RF Con I	" 17	W. Vanterve	W. Moloughney	May 10	5	7	25	15	"	D	Sand 36;limestone 68. Water at 50 to 68.
RF Con I	" 18	J. Patofie	"	July 10	5	5	20	15	"	D	Clay 35;sand 48;limestone 72. Water at 68 to 72.
RF Con I	" 19	H. Nory	V. Cossette	July 16	4	4	28	15	"	D	Sand clay 61;limestone 91. Water at 88.
RF Con I	" 20	I.M. Gaboury	"	July 22	4	10	20	6	"	D	Sand clay 53;limestone 88. Water at 85.
RF Con I	" 21	N. Van Eyk	C.A. Dufréne	Sep. 29	4	5	30	10	"	D	Clay sand 34;boulders 95. Water at 95.
RF Con I	" 22	B. Lubbers	W. Moloughney	Oct. 10	5	5	30	20	"	D	Clay 20;sand 58;hard grey limestone 70. Water at 70.
RF Con I	" 23	Mulligan Bros.	Phillips Drilling	Oct. 16	5	8	12	10	"	D	Sandy clay 56;sandstone 75. Water at 75.
RF Con I	" 24	W. Helming	F.R. Cossette	Nov. 7	4	12	25	8	"	D	Sand 56;limestone 83. Water at 83.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY- cont.										
Nepean Twp. cont.										
RF Con I	Riant, Homes	J. B. Dufresne	Nov. 13	3	10	20	9	Fresh	D	Clay 65; limestone 85. Water at 82.
RF Con I	J. R. Noel	W. McLoughney	Dec. 4	4	4	30	12	"	D	Sandy soil 5; sand 55; limestone 73. Water at 72.
RF Con I	J. R. Noel	W. McLoughney	Dec. 8	5	12	25	20	"	D	Clay 57; limestone 79. Water at 71.
RF Con I	C. Pifs	P. R. Cossette	Dec. 12	5	12	25	6	"	D	Clay 20; sand 58; hard grey limestone 71. Water at 71.
RF Con I	E. L. Birch	Phillips Drilling	Dec. 22	5	16	17	15	"	D	Sandy clay 50; sandstone 70. Water at 79.
RF Con I	D. Veatherdon	V. Cossette	July 24	5	10	20	13	"	D	Sandy clay hardpan 33; limestone 73. Water at 78.
RF Con I	D. Craig	McLean Water Supl	June 5	5	35	35	16	"	D	Sand 40; limestone 125. Water at 125.
RF Con I	T. Slack	Phillips Drilling	June 15	5	5	40	15	"	D	Sand 42; limestone 140. Water at 140.
RF Con I	T. Nesbitt	"	Oct. 28	5	8	12	20	"	D	Clay 40; sand 45; limestone 195; sandstone 197. Water at 45.
RF Con I	A. Stewart Co.	"	Dec. 2	7	142	15	20	"	D	Clay 42; sandstone 65. Water at 65.
RF Con I	C. Brown	McLean Water Supl	May 2	5	30	15	15	"	D	Sand 68; limestone 170; sandstone 200; silica 212. Water at 207.
RF Con I	Angelstone Ltd	"	June 13	5	40	15	15	"	D	Sand 38; limestone 115. Water at 115.
RF Con I	L. Dibkin	P. R. Cossette	Dec. 15	4	12	25	9	"	P	Sand 8; quicksand 18; hardpan 38; limestone 80. Water at 80.
RF Con I	IGA Store	J. B. Dufresne	Oct. 31	6	1	290	11	"	C	Clay 3; limestone 95. Water at 95.
RF Con I	C. Taylor	W. McLoughney	Nov. 3	6	10	100	11	"	C	Clay 4; limestone 290. Water at 135.
RF Con I	A. Swackhammer	Phillips Drilling	July 20	5	6	22	10	"	C	Clay 4; limestone 200. Water at 80 to 135.
RF Con I	C. Watt	Phillips Drilling	Aug. 11	5	5	7	7	"	D	Clay 11; limestone 80. Water at 80.
RF Con II	D. W. McGowan	M. Weagher	Apr. 17	5	5	7	7	"	D	Blue clay 36; coarse gravel 38. Water at 38.
RF Con II	C. Vance	McLean Water Supl	May 21	6	10	26	11	"	D	Clay 18; boulders hardpan 35; gravel 38. Water at 38.
RF Con II	H. Cameron	M. Weagher	Aug. 11	4	6	11	11	"	D	Clay 39; gravel 41. Water at 41.
RF Con II	H. McGee	Johnston Drilling	Dec. 17	4	3	44	24	"	D	Clay 58; gravel 60. Water at 60.
RF Con II	S. Lavergne	"	Dec. 12	5	3	76	36	"	D	Brown clay 14; blue clay boulders 30; medium grey limestone 90. Water at 86.
RF Con II	M. Davidson	W. McLoughney	Nov. 8	5	6	40	30	"	D	Clay 10; hardpan boulders 38; limestone 89. Water at 60 and 89.
RF Con II	Cowell Const.	Johnston Drilling	Nov. 25	5	5	68	28	"	D	Brown clay boulders 26; blue clay boulders 32; medium grey limestone 76. Water at 72.
RF Con II	R. Combley	W. McLoughney	Feb. 17	5	6	22	17	"	D	Clay 5; boulders hardpan 30; hard grey limestone 90. Water at 60 and 90.
RF Con II	R. Wuliyatt	Johnston Drilling	May 22	4	10	17	17	"	D	Blue clay boulders 27; hard limestone 80. Water at 70.
RF Con II	H. Davidson	"	June 3	4	10	18	14	"	D	Blue clay boulders 27; hard grey limestone 80. Water at 70.
RF Con II	P. Vorobez	McLean Water Supl	Nov. 24	5	5	85	45	"	D	Sand boulders 40; sandstone 145. Water at 145.
RF Con II	Dr. L. Donovan	Johnston Drilling	Dec. 11	5	5	50	11	"	D	Brown clay boulders 12; blue clay boulders 29; medium grey limestone 100. Water at 86.
RF Con II	P. Polhausen	Phillips Drilling	June 2	5	8	12	10	"	D	Clay boulders 41; sand 42; limestone 82. Water at 70.
RF Con II	P. Head	"	July 9	5	6	4	4	"	D	Clay boulders 49; sandstone 100. Water at 70.
RF Con II	N. Nesbitt	"	Aug. 8	5	3	12	11	"	D	Clay boulders 30; limestone 100. Water at 100.
RF Con III	S. Maclean	McLean Water Supl	Sep. 30	5	20	35	18	"	D, S	Loam 6; limestone 53. Water at 53.
RF Con III	J. Stinson	McLean Water Supl	Apr. 11	5	20	35	20	"	D	Clay boulders 75; limestone 95. Water at 90.
RF Con IV	Van Urk HLC	McLean Water Supl	July 15	5	6	20	Flows	"	D	Loam 4; sandstone 65. Water at 65.
RF Con IV	Bonneventure	"	Sep. 15	5	5	30	10	"	D	Loam 4; sandstone 70. Water at 70.
RF Con IV	L. Moreau	W. McLoughney	Oct. 14	5	5	6	1	"	D	Clay 5; Nepean sandstone 65. Water at 55 to 65.
RF Con IV	R. Yeo	"	May 8	5	5	12	2	"	D	Silt 4; Nepean sandstone 38. Water at 25 and 38.
RF Con IV	Steen Bakkers	"	May 12	5	6	12	2	"	D	Silt 4; Nepean sandstone 38. Water at 25 and 38.
RF Con IV	Lumber Co.	"	May 16	5	6	12	3	"	D	Silt 1; Nepean sandstone 36. Water at 26 and 36.
RF Con IV	J. Vandenbergh	"	May 21	5	6	12	2	"	D	Silt 2; Nepean sandstone 37. Water at 26 and 37.
RF Con IV	J. Steenbakkers	"	June 2	5	6	14	3	"	D	Silt 4; Nepean sandstone 32. Water at 26 to 32.
RF Con IV	J. Steenbakkers	"	July 9	5	5	15	5	"	D	Clay 6; Nepean sandstone 51. Water at 40 to 50.
RF Con IV	J. R. Gendron	"	July 14	5	5	15	5	"	D	Clay 5; Nepean sandstone 50. Water at 40 to 50.
RF Con IV	D. Switzer	McLean Water Supl	Oct. 31	5	5	40	12	"	D	Clay 9; sandstone 80. Water at 80.
RF Con IV	"	"	Oct. 31	5	5	40	8	"	D	Clay 8; sandstone 65. Water at 65.

CARLETON COUNTY- cont.  
Nepean Twp. - cont.

RF Con IV	lot 33	D. Delorme	Phillips Drilling	Nov. 20	2	6	6	5	Fresh	D	Clay 2;silica 40. Water at 40. Clay 10; sandstone 49. Water at 49. Clay 10; sandstone 50. Water at 40. Clay boulders 8; sandstone 53. Water at 53. Clay 17; Nepean sandstone 48. Water at 30 and 48. Sand 20; sandstone 100. Water at 100. Clay 55; silt 58; limestone 82. Water at 82. Clay 71; limestone 98. Water at 98. Clay 94; limestone 109. Water at 97 to 109. Clay 23; limestone 80. Water at 80. Clay boulders 50; broken limestone 58; limestone 142. Water at 125.
RF Con IV	lot 33	N. Dick	"	Nov. 20	2	6	6	5	"	D	Clay boulders 34; limestone 81. Water at 81. Clay boulders 36; limestone 48. Water at 48. Silt 31; limestone 14; Nepean sandstone 57. Water at 49 to 57. Sandy clay 14; Nepean sandstone 81. Water at 50 and 81. Loam 2; sandstone 75. Water at 75. Clay boulders 6; sandstone 76. Water at 50 to 76. Silt 9; Nepean sandstone 124. Water at 60 and 124. Blue clay 22; grey limestone 80. Water at 70 and 80. Stones earth 20; limestone 100. Water at 60 to 100. Clay 40; limestone 100. Water at 80. Clay 80; coarse gravel broken rock 92. Water at 92. Clay 41; limestone 211. Water at 60, 125 and 175 to 211. Loam 5; limestone 148. Water at 148. Loam 2; sandstone 90. Water at 90.
RF Con IV	lot 33	P. School S. #4	"	Nov. 26	2	6	6	5	"	D	Clay 13; limestone 44. Water at 42. Clay 28; gravel 30; limestone 40. Water at 40. Clay boulders 25; limestone 35. Water at 35. Clay 8; boulders gravel 18; limestone 60. Water at 50. Clay 20; hardpan 34; limestone 115. Water at 110.
RF Con IV	lot 33	Steenbakers	W. Moloughney	Jan. 16	2	6	6	5	"	D	Clay boulders 60; limestone 135. Water at 100 and 135.
RF Con IV	lot 33	Sani Con. Co.	F.A. McLean & Son	Nov. 12	6	5	30	20	"	P	Clay boulders 38; limestone 70. Water at 70. Clay boulders 32; limestone 129. Water at 100. Sand 47; limestone 57; sand in limestone 58; limestone 69; sand 70. Water at 70.
RF Con V	lot 11	L.A. Mann	Phillips Drilling	Mar. 31	5	10	15	5	"	D,S	Sand 18; gravel boulders 46; shale 56. Water at 56. Clay 28; gravel boulders 65; limestone 100. Water at 80. Brown clay stones 16; blue clay gravel sand 34; grey medium limestone 75. Water at 73.
RF Con V	lot 12	A. Wilson	W. Moloughney	June 6	2	8	5	3	"	D	Boulders sand 35; limestone 99. Water at 99.
RF Con V	lot 19	Hobin Homes	McLean Water Supl	May 15	5	7	15	6	"	D,S	Hardpan boulders 50; limestone 104. Water at 104. Brown clay 20; coarse gravel 30; grey limestone 44. Water at 44.
RF Con V	lot 22	St. Patrick	B.E. Sparks	June 20	5	7	15	6	"	D	Clay 28; broken shale 40; limestone 50. Water at 50. Grey clay 10; gravel boulders 30; grey limestone 43. Water at 43.
RF Con V	lot 22	G. Stewart	"	Sep. 4	4	6	40	35	"	P	Clay boulders 38; limestone 46. Water at 46.
RF Con V	lot 22	G. Arts	M. Meagher	Dec. 1	4	3	48	11	"	D	
RF Con V	lot 28	W. J. Dowling	W. Moloughney	June 19	5	3	11	26	"	D	
RF Con V	lot 34	T. G. Dudley	"	May 10	5	7	25	7	"	D	
RF Con V	lot 35	E. G. Dufresne	F.A. McLean & Son	Mar. 20	6	6	33	15	"	D	
RF Con V	lot 35	T. Robertson	J.B. Dufresne	May 27	6	9	65	2	"	Ir	
RF Con V	lot 35	Kew Gardens	W. Moloughney	Aug. 27	10	45	30	5	"	Ir	
RF Con VI	lot 2	C. Foster	P.P. Sparks	Aug. 15	4	5	20	15	"	D	
RF Con VI	lot 2	Stewart Const.	M. McLaughlin	Nov. 14	6	15	30	22	"	S	
RF Con VI	lot 2	H. Parks	Phillips Drilling	July 24	2	7	70	1	"	D,S	
RF Con VI	lot 24	K. Wilson	B.E. Sparks	Sep. 28	5	7	20	10	"	D	
RF Con VI	lot 25	V. Schwan	W. Moloughney	May 24	5	6	70	10	"	D	
RF Con VI	lot 25	M. Moffat Const.	McLean Water Supl	Dec. 28	5	6	60	10	"	D	
RF Con VI	lot 35	"	"	Sep. 29	5	8	30	12	"	C	
RF Con A	lot 1	Wm. Watson	M. Meagher	Mar. 30	4	4	12	6	Fresh	C	
RF Con A	lot 1	O. H. Knapp	"	Aug. 27	4	4	8	8	"	D	
RF Con A	lot 1	J.H. Knox	Phillips Drilling	Sep. 18	5	6	8	8	"	D	
RF Con A	lot 1	K. L. Digong	J.B. Dufresne	Nov. 3	2	10	20	4	"	D	
RF Con A	lot 1	North Tower	B.E. Sparks	Mar. 20	5	7	60	4	Sulphur	P	
RF Con A	lot 1	School Board	"	Apr. 1	4	6	4	4	Fresh	D	
RF Con A	lot 1	R. Williams	M. Meagher	Apr. 27	3	7	28	22	"	D	
RF Con A	lot 1	R. Duval	P.R. Cossette	Apr. 27	3	5	50	40	"	D	
RF Con A	lot 1	Dr. S. J. Hicket	W. Moloughney	July 28	5	3	30	20	"	D	
RF Con A	lot 1	H. Hamilton	Phillips Drilling	Dec. 17	5	3	28	26	"	D	
RF Con A	lot 1	G. Armstrong	"	Sep. 19	4	3	28	26	"	D	
RF Con A	lot 1	J. K. Lewis	"	July 28	5	3	60	35	"	D,S	
RF Con A	lot 1	E. Adams	"	Oct. 27	4	3	17	15	"	D	
RF Con I	lot 22	F. Pautex	P.R. Cossette	June 11	2	5	35	24	"	D	
RF Con I	lot 28	A. Adams	Phillips Drilling	Sep. 7	5	3	18	15	"	D	
RF Con I	lot 7	H. Brownlee	F.B. Johnston	Dec. 23	5	3	42	18	"	D,S	
RF Con III	lot 16	E. Tymchah	P.R. Cossette	Sep. 16	2	5	47	32	"	D	
RF Con III	lot 17	R. Thompson	McLean Water Supl	Dec. 14	5	8	35	35	"	D,S	
RF Con III	lot 20	L. Parks	R.H. Miller	Jan. 15	2	30	12	6	"	D	
RF Con III	lot 20	Dionne/Smith	P.R. Cossette	Apr. 8	2	10	20	3	"	D	
RF Con III	lot 21	F. Sandler	R.H. Miller	Aug. 19	2	9	15	8	"	D	
RF Con III	lot 21	H.M. Craig	Phillips Drilling	Aug. 6	5	6	12	9	"	D	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY- cont.										
Northower Twp. Con III	N. Bradley	F.R. Cossette	Sep. 18	2	7	25	10	Fresh	D	Clay 10; sand 31; limestone 54. Water at 54.
Con IV " 20	J. Brownlee	R.H. Miller	Nov. 27	2	24	7	5	"	D	Clay 22; gravel 26; shale limestone 46. Water at 46.
Con IV " 21	H.L. Perkins	"	Dec. 12	2	18	9	2	"	D	Brown clay 24; coarse gravel 34; grey limestone 49. Water at 49.
Con IV " 21	H. Greer	"	Apr. 27	2	17	10	2	"	D	grey clay boulders 30; gravel sand 39; medium grey limestone 68. Water at 68.
Con IV " 21	H.L. Perkins	"	Nov. 19	2	18	10	5	"	D	Clay 25; gravel 30; grey shale 52. Water at 52.
Con IV " 38	O. Wilson	H. Rathwell	Oct. 30	5	7	12	7	"	S	Clay boulders gravel 25; quicksand 56; dark limestone 79. Water at 79.
Osgoode Twp.										
Con I lot 1	W. Watson	V. Cossette	Oct. 27	2	12	25	7	Fresh	D	Clay 12; gravel boulders 25; limestone 65; sandstone 80. Water at 78.
Con I " 16	L.A. Perks	J.B. Dufresne	Dec. 14	2	2	30	15	"	D	Clay 10; boulders gravel 49; grey limestone 102. Water at 100.
Con I " 18	A.J. Kelly	F.R. Cossette	Sep. 10	2	2	25	8	"	D	Dug 20; boulders sand 65; limestone 118. Water at 118.
Con I " 20	B. Dexter	Phillips Drilling	June 11	2	15	10	3	"	D	Clay 92; limestone 108. Water at 106.
Con I " 21	J. Brownlee	I. Simzer & Sons	May 30	5	65	35	35	"	D, S	Hardpan boulders 20; sand 65; limestone 133. Water at 133.
Con I " 29	D. Burgess	J.B. Dufresne	Aug. 17	2	17	20	6	"	D	Sandy soil 14; boulders 18; grey limestone 45. Water at 42.
Con I " 29	Osgoode Homes	F.R. Cossette	Oct. 8	2	9	20	9	"	D	Sand 15; sand gravel boulders 29; limestone 71. Water at 68.
Con I " 29	"	"	Oct. 10	2	9	9	6	"	D	Sand 15; sand gravel boulders 36; limestone 70. Water at 70.
Con I " 29	"	"	Dec. 10	2	4	31	8	"	D	Sand 15; sand gravel boulders 36; limestone 68. Water at 68.
Con I " 29	"	"	Dec. 12	2	10	8	27	"	D	Sandy gravel 29; limestone 94. Water at 94.
Con I " 29	G.L. Campbell	"	July 16	2	5	32	5	"	D	Blue clay 10; fine sand 20; gravel 45; limestone 78. Water at 78.
Con III " 1	K.W. Dodd	"	May 9	3	9	20	5	"	D	Dug 26; gravel 66. Water at 66.
Con III " 29	E.O. Connor	I. Simzer & Sons	Sep. 29	5	15	35	23	"	D	Gravel boulders 19; fine gravel 28; hardpan 42; limestone 82. Water at 80.
Con III " 36	E.M. Howard	W.C. Christy	Mar. 28	4	3	32	19	"	D	Old well 28; limestone 59. Water at 50.
Con III " 40	C. McDaivid	"	Apr. 16	4	3	38	31	"	D	Gravel 52; limestone 60. Water at 60.
Con IV " 1	J. Vanlenken	T.H. Adams	Apr. 25	4	8	19	13	"	D	Gravel 48; limestone 65. Water at 65.
Con IV " 1	R.M. Charron	"	May 2	4	8	19	13	"	D	Sand boulders 83; limestone 98. Water at 98.
Con V " 1	R. Proolx	McLean Water Supl	Apr. 5	5	17	50	45	"	D	Hardpan 35; gravel 38; grey hard rock 41. Water at 40.
Con V " 8	J.O. Malley	Cayer Well Drills	Aug. 19	4	15	20	15	"	D	Sandy soil 30; hardpan 40; gravel 44; limestone 60. Water at 60.
Con V " 21	U. Raubert	"	Apr. 18	4	4	50	15	"	D	Limestone 51. Water at 51.
Con V " 14	G. Morrow	M. Meagher	July 22	4	8	5	5	"	D	Boulders clay 7; limestone 81. Water at 75.
Con VI " 14	S & S Auto Parts Ltd.	J.B. Dufresne	Dec. 15	2	7	25	2	"	C	
Con VI " 15	F. Nicholson	"	July 15	4	10	18	15	"	D	Stony soil 3; hard grey rock 25. Water at 15.
Con VI " 17	G. Roberts	Cayer Well Drllg.	May 14	2	12	18	16	"	D	Grey limestone 64. Water at 64.
Con VI " 39	P. McMartin	F.R. Cossette	May 15	2	12	18	16	"	D	Dug 15; boulders 19; limestone 60. Water at 50.
Con VI " 39	I. Sheldrick	R.H. Casselman	Sep. 5	5	20	27	3	"	D	Stony gravel earth 3; isoit limestone 20; hard grey limestone 56. Water at 56.
Con VI " 39	"	J.R. Kettles	Sep. 8	4	4	10	8	"	D	Limestone 80. Water at 80.
Con VI " 39	D. Park	I. Simzer & Sons	Nov. 21	5	15	19	16	"	D	Stony soil 10; shaly rock 14. Water at 14.
Con VII " 16	C. Vanderydt	Cayer Well Drills	Sep. 7	5	8	12	8	"	D, S	Black earth stones 6; limestone with clay 18; grey limestone 32. Water at 32.
Con VII " 20	H. Ross	J. K. Kettles	Apr. 14	4	3	10	8	"	D	Boulders sand gravel 20; limestone 45. Water at 44.
Con VII " 20	G. Rasmussen	V. Cossette	Aug. 13	2	13	25	10	"	D	Clay 24; limestone 45. Water at 40.
Con VII " 3	P. Mahoney	J.B. Dufresne	Sep. 3	6	15	25	9	"	P	Stony soil 5; hard grey rock 102. Water at 100.
Con VII " 9	School S. #10	Cayer Well Drills	Oct. 1	5	90	25	6	"	P	White clay 14; limestone 39. Water at 36.
Con VII " 13	H. G. Hudson	W.C. Christy	Oct. 19	4	5	23	18	"	D	Fine gravel 6; red hardpan 12; red shale 60. Water at 58.
Con IX " 22	E. Harrison	"	May 11	4	3	16	9	"	D	Stony soil 8; hardpan 37; black limestone 54. Water at 54.
Con IX " 27	J. McIntyre	J.R. Kettles	Dec. 19	4	14	17	9	"	D	Shaly red clay 18; hardpan 47; grey limestone 51. Water at 51.
Con IX " 28	B. Wallace	"	Mar. 29	4	3	15	12	"	D	Shale 18; coarse black gravel 33. Water at 33.
Con IX " 28	E. Cook	"	Apr. 7	4	3	6	5	"	D	Shale red clay 18; hardpan 35; grey limestone 54. Water at 54.
Con IX " 29	D. Campbell	"	Mar. 21	4	20	25	12	"	D	



CARLETON COUNTY- cont.

Osgoode Twp. Con X	lot 28	E. McCormack	J. R. Kettles	May 14	4	7	10	10	Fresh	D	Blue clay 10; shale hardpan boulders 48; gravel 51. Water at 51.
Con XI	" 44	A. Thibault	A. Gauthier	Dec. 9	1	15	28	15	"	D	Hardpan 10; limestone 45. Water at 40.
Long Island	" 5	J. Rombout	M. Meagher	Oct. 12	4	3	42	24	"	D	Clay 42; limestone 55. Water at 65.
Long Island	" 18	P. MacFarlane	"	Nov. 3	4	3	28	8	"	D	Clay 29; gravel 30. Water at 30.
Ottawa											
Audry St.		G. J. Simser	T. H. Adams	May 22	5	8	10	7	Sulphur	D	Blue clay 22; fine sand 28; black shale 45; grey shale 108.
Avenue D.		Vandenbelt Metal Works	"	June 30	4	8	8	6	"	In	Blue clay 21; fine black sand 23; black shale 45; grey shale 109. Water at 109.
Balharrie St.		W. Vant Erve	W. Moloughney	Oct. 20	5	4	60	19	Fresh	D	Clay 31; brown shale 139. Water from 80 to 100 and 139.
Bank St.		Corp. of City of Ottawa	Blair Phillips Drilling Co.	July 25	5	10	5	5	Fresh	P	Clay 44; brown shale 57. Water at 57.
Base Line Rd.		Mailoff Const.	McLean Water Supl	July 17	5	5	42	28	Fresh	C	Sand 38; limestone 135. Water at 135.
Beechwood Ave.		Corp. of City of Ottawa	Blair Phillips Drilling Co.	Aug. 26	6	2	82	70	Fresh	T	Clay 15; limestone 80. Water at 4.
Chippewa St.		G. Reed	"	Feb. 13	5	10	15	12	Fresh	D	Clay 8; limestone 87. Water at 80.
Dufferin St.		Corp. of City of Ottawa	"	Sep. 4	6	2	78	64	Fresh	T	Clay 12; limestone 80. Water at 7.
Elmvale Acres		R. Lapointe	J. B. Dufresne	Aug. 4	3	3	25	12	Fresh	D	Blue clay 30; sand boulders 34; grey limestone 85. Water at 85.
High St.		P. Houlihan	W. Moloughney	May 15	5	7	70	60	Fresh	D	Clay 30; sand 60; gravel hardpan 74; limestone 195. Water at 125, 150 to 175 and 185 to 195.
Hogsback Rd.		Paul's Boat House	McLean Water Supl	Nov. 1	5	5	17	5	Fresh	D	Muck 8; limestone 64. Water at 64.
Hunt Club Rd.		Can. Dept. of Nat. Defence	International Water Supply	Feb. 6	10	160	128	36 1/2	Fresh	P	Dirty sand 10; fine sand 33; clay 45; clay gravel 45 to 55; sand and gravel 65; coarse sand gravel 73; clay gravel 80; gravel clay boulders 121; limestone quartz 135; black shale 137; limestone quartz 153; black shale 165; limestone 171; black shale 178; limestone quartz 208; black shale 218; limestone quartz 285; limestone 308; brown limestone 335; hard sharp limestone 370. Water from 308 to 335.
Hunt Club Rd.		A. Fischer C. Lillico	C. Dufresne J. R. Kettles	June 4 Aug. 19	3 4	4 4	20 40	10 12	Fresh "	D	Clay sand 45; gravel boulders 50. Water at 50.
Innes Rd.		St. Lawrence Cement	McLean Water Supl	Dec. 16	6	6	15	8	Fresh	P	Gravel boulders 20; hardpan 50; grey limestone 91. Water at 91.
Kamloops Dr.		Perrin Const.	W. Moloughney	Feb. 27	5	6	45	30	Fresh	D	Muck 10; limestone 80. Water at 80.
Langs Rd.		J. Lavac	T. H. Adams	Oct. 12	4	8	72	12	Fresh	D	Clay 18; grey limestone 161. Water at 100 and from 130 to 160.
McCarthy Rd.		D. E. Pickett	P. R. Cossette	July 28	2	6	28	17	Fresh	D	Blue clay 20; loose limestone 25; limestone 112. Water at 112.
Prince of Wales Hwy.		P. D'August Const. Co.	Blair Phillips Drilling Co.	May 25	5	8	75	35	Fresh	C	Clay 10; gravel 26; limestone 79. Water at 79.
Prince of Water Hwy.		W. Stenger	"	Aug. 7	7	10	60	35	Fresh	D	Clay 108; sand 110. Water at 150.
Richmond Rd.		Assaly Const. Ltd.	W. Moloughney	May 30	5	7	40	25	Fresh	D	Clay 112; limestone 125. Water at 120.
											Clay 30; silt 36; limestone 150. Water from 140 to 150.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
CARLETON COUNTY- cont. Ottawa - cont. Rideau View	Rideau View Shopping Centre Ont. Hydro- Supply Ltd. I. Shea	J. B. Dufresne McLean Water Supply Ltd. V. Cossette	July 20 Sep. 14 Oct. 10	6 10 2	40 3 4	90 40 55	45 28 22	Fresh Fresh Fresh	P P D	Clay 60; gravel sand 96. Water at 96. Sand 61 clay 40; silt boulders 45. Water from 40 to 45. Dug 16 boulders gravel sand 23; limestone 97. Water at 95.
Ridge Rd.										
River Rd.										
Riverside Dr.	P. D'Aoust Const. Co. K. Parisien	Blair Phillips Drilling Co. J. B. Dufresne	June 12 May 23	4 6	8 3	60 40	10 12	Fresh Fresh	C D	Boulders fill 10 clay 50; sand boulders 62; limestone 170. Water at 100. Clay 26; gravel hardpan 30; shaly limestone 130. Water at 110.
St. Lawrence Blvd.	W. McCue	"	Dec. 1	2	2	30	4	Fresh	D	Clay 8 shaly limestone 69. Water at 65.
St. Laurent Blvd.										
Scrivens St.	P. Doanne	M. Meagher	June 3	5	5	40	40	Fresh	P	Clay 9 sand 58; limestone 100. Water at 100.
Woodroffe Ave.	Imperial Oil	J. B. Dufresne	July 22	6	8	80	35	Fresh	C	Clay 22; sand boulders 50; limestone 97. Water at 90.
Richmond	G. Schneider	K. L. Sparks	Mar. 30	4	5	12	2	Fresh	D	Loam hardpan 25; grey limestone 66. Water from 64 to 66.
Richmond	M. Todd	M. Meagher	Apr. 27	4	4	7	2	"	D	Blue clay 20; limestone 40. Water at 49.
Richmond	A. White	"	May 1	4	3	7	2	"	D	Blue clay 24; limestone 50. Water at 50.
Richmond	J. P. Chenier	W. M. E. Sparks	June 10	4	3	8	8	"	D	Loam hardpan 20; grey limestone 50. Water from 48 to 50.
Richmond	"	"	June 13	4	3	8	8	"	D	Loam hardpan 20; grey limestone 50. Water from 48 to 50.
Richmond	"	"	June 24	4	3	12	12	"	D	Loam hardpan 21; grey limestone 54. Water from 52 to 54.
Richmond	"	"	July 1	4	4	14	14	"	D	Clay 24; limestone 84. Water at 84.
Richmond	E. White	M. Meagher	July 1	4	4	14	14	"	D	Clay 25; grey limestone 44. Water at 44.
Richmond	Rev. P. Burtch	M. Cossette	July 3	2	4	10	5	"	D	Clay 22; limestone 62. Water at 60.
Richmond	J. B. Chenier	B. E. Sparks	July 30	4	6	12	10	"	D	Loam hardpan 26; grey limestone 42. Water from 43 to 45.
Richmond	"	W. M. E. Sparks	Aug. 5	4	3	12	14	"	D	Clay 21; limestone 80. Water at 65.
Richmond	"	B. E. Sparks	Aug. 5	4	3	12	18	"	D	Loam hardpan 31; grey limestone 60.
Richmond	"	W. M. E. Sparks	Aug. 11	4	3	10	10	"	D	Loam hardpan 28; grey limestone 51. Water from 49 to 51.
Richmond	"	B. E. Sparks	Aug. 14	4	3	10	10	"	D	Clay 22; limestone 65. Water at 62.
Richmond	"	W. M. E. Sparks	Aug. 15	4	3	12	10	"	D	Loam hardpan 20; grey limestone 42.
Richmond	"	B. E. Sparks	Aug. 19	4	3	12	10	"	D	Loam hardpan 20; grey limestone 40. Water from 48 to 50.
Richmond	"	W. M. E. Sparks	Aug. 22	4	3	9	9	"	D	Loam hardpan 25; grey limestone 40. Water from 38 to 40.
Richmond	"	"	Aug. 26	4	3	11	11	"	D	Loam hardpan 20; grey limestone 40.
Richmond	"	"	Aug. 29	4	3	12	12	"	D	Clay 20; limestone 73. Water at 73.
Richmond	P. Kenny	M. Meagher	Sep. 5	4	3	21	12	"	D	Clay 20; limestone 55. Water at 48.
Richmond	J. P. Chenier	B. E. Sparks	Sep. 13	4	3	18	12	"	D	Clay hardpan 22; limestone 60. Water at 58.
Richmond	"	"	Sep. 13	4	6	18	12	"	D	Clay boulders 41; limestone 54. Water at 54.
Richmond	"	"	Sep. 23	4	3	21	12	"	D	Clay 25; limestone 52. Water at 52.
Richmond	"	"	Sep. 27	4	3	14	8	"	D	Clay 26; limestone 67. Water at 65.
Richmond	J. McCaffery	M. Meagher	Oct. 7	4	5	14	8	"	D	Clay 34; limestone 44. Water at 44.
Richmond	F. Brownlee	B. E. Sparks	Oct. 10	4	2	20	0	"	D	Clay 24; limestone 64. Water at 58.
Richmond	J. P. Chenier	"	Oct. 17	4	5	20	14	"	D	Clay hardpan 22; limestone 93. Water at 90.
Richmond	H. Cameron	M. Meagher	Oct. 21	4	5	21	16	"	D	Clay 20; limestone 64. Water at 60.
Richmond	J. P. Chenier	B. E. Sparks	Oct. 23	4	5	22	16	"	D	Clay 34; limestone 42. Water at 40.
Richmond	"	"	Oct. 24	4	5	22	16	"	D	Clay 18; limestone 64. Water at 60.
Richmond	"	"	Oct. 27	4	5	22	16	"	D	Clay 17; limestone 40. Water at 40.
Richmond	"	"	Oct. 30	4	5	22	16	"	D	Clay 16; limestone 66. Water at 60.
Richmond	N. Daly	"	Nov. 2	4	10	21	5	"	D	Clay hardpan 17; limestone 50. Water at 48.
Richmond	J. P. Chenier	Phillips Drllg.	Nov. 3	5	5	27	16	"	D	Clay 26; limestone 43. Water at 40.
Richmond	G. Hotchkiss	B. E. Sparks	Nov. 6	4	5	10	6	"	D	Limestone 16; limestone 63. Water at 60.
Richmond	K. Builders	"	Nov. 12	4	5	18	4	"	D	Clay hardpan 34; limestone 61. Water at 61.
Richmond	F. Vaughan	"	Nov. 13	4	3	20	16	"	D	Clay 17; limestone 79. Water at 75.
Richmond	J. P. Chenier	"	Nov. 18	4	5	20	16	"	D	
Richmond	N. Seabrooke	"	Nov. 18	2	3	8	18	"	D	
Richmond	J. P. Chenier	Phillips Drllg.	Nov. 20	4	3	25	18	"	D	
Richmond	"	B. E. Sparks						"	D	

## CARLETON COUNTY - cont.

Richmond - cont.

Richmond	- cont.	J. P. Chenier	B. E. Sparks	Nov. 27	4	5	15	12	Fresh	D	Clay hardpan 21; limestone 62. Water at 55. Clay 16; limestone 63. Water at 60. Clay hardpan 20; limestone 84. Water at 80.
Richmond		"	"	Nov. 27	4	5	21	12	"	D	
Richmond		"	"	Dec. 15	4	3	22	8	"	D	
Torbolton Twp.	lot 3	C. Grierson	A. Stanton	Mar. 11	5	8	40	15	Fresh	D	Sand stones 14; sandstone 51. Water at 35 and 50.
Con II	" 5	Con II	"	Aug. 26	3	7	48	6	"	D	Clay 40; sand gravel 58. Water at 58.
Con III	" 9	A. Ritchie	"	Sep. 7	3	7	120	6	"	D	Clay 100; fine sand 107; gray limestone 136. Water at 130 and 136
Con IV	" 19	E. Petry	McLean Water Supl	May 25	5	5	35	7	"	D	Loam 12; clay 250; sand gravel boulders 260; hard granite 285. Water at 285.
Con V	" 16	R. Castagnay	M. Cossette	Sep. 30	3	5	50	25	Salty	F	Limestone 97. Water at 90.
Con VI	" 11	E. Wicher	J. B. Dufresne	Apr. 11	6	3	90	50	Fresh	D	Limestone 200. Dry hole.
Con VII	" 5	T. Baskin	M. Meagher	Sep. 26	4	3	5	3	"	D	Clay 4; limestone 80. Water at 70.
Con VIII	" 10	H. Sullivan	Phillips Drilling.	May 28	2	8	5	3	"	D	Clay 4; limestone 50. Water at 40.
Con VII	" 10	J. Armstrong	"	May 30	2	8	3	2	"	D	Clay 2; limestone 75. Water at 50.
Con VII	" 10	L. Johnstone	"	June 4	2	8	3	2	"	D	
COCHRANE DISTRICT											
Calvert Twp.	lot 12	Ont. Northland Railway	D. Groleau Diamond Drilling	Aug. 5	5	10	60	42	Fresh	D	Sand 77. Water at 77.
Carr Twp.	lot 1	F. Dyer	J. B. Longstreet	Oct. 20	6	5	51	0	Fresh	D	Brown clay 4; blue clay 44; coarse gravel 51. Water from 47 to 51.
Con I	" 10	K. Kiss	T. Longstreet	June 10	6	15	83	61	"	D, S	Red clay 7; blue clay 40; brown fine sand 75; sand gravel 95; fine gravel 110. Water at 109.
Casgrain Twp.	lot 25	C. Gratton	D. Groleau Diamond Drilling	June 16	2	1	29	0	Fresh	D	Clay 7; granite 112. Water at 109.
Con VIII											
Clergue Twp.	lot 8	A. Johnson	J. B. Longstreet	Apr. 18	6	3	130	30	Fresh	D, S	Black muskeg lined clay 3; blue clay 80; hardpan 105; sand gravel 131. Water at 130.
Con VI	" 9	Calvert Twp.	T. Longstreet	Nov. 25	6	5	80	4	"	T	Red clay 10; blue clay 35; fine sand gravel 75; coarse gravel 90; dirty coarse gravel 110. Water at 80.
Con VI	" 9	"	"	Dec. 2	6	2	85	0	"	T	Red clay 10; blue clay 40; fine sand gravel 65; coarse gravel 100; dirty coarse gravel 106. Water at 85.
Con VI	" 10	Ont. Northland Railway	D. Groleau Diamond Drilling	June 25	2	3	29	14	"	P	Clay 40; boulders sand 74. Water at 74.
Currie Twp.	lot 9	A. Patison	T. Longstreet	May 1	4	2	107	18	Fresh	D, S	Red clay 2; blue clay 42; sand 102; coarse gravel 112. Water at 112.
Con V	" 3	Anthony Publ. School	J. B. Longstreet	May 30	6	3	66	2	"	P	Brown clay 3; blue clay 45; sand gravel 66. Water at 66.
Devitt Twp.	lot 5	Leturneau	D. Groleau Diamond Drilling	May 9	2	2	25	5	Fresh	D	Clay boulders 32; granite quartz 107. Water at 100.
Con V	" 17	McNamara Rd. Construction	"	Oct. 23	2	4	20	7	"	In	Clay 16; sand boulders 48; granite 140. Water at 128.
Con VII	" 17	A. Mercier	"	Sep. 25	2	4	20	11	"	D	Clay 11; sand 27; granite 42. Water at 40.
Con VII	" 18	J. Marchel	"	Sep. 25	2	3	25	9	"	D	Clay 14; boulders 21; granite 52. Water at 49.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
COCHRANE DISTRICT-cont. Devitt Twp. - cont. Con VII lot 18 Con VII " 19 Con VII " 21	O. Lavoie L. Hince J.P. Leduc	D.Groleau Diamond Drilling " "	Sept. 24 Oct. 24 Sept. 23	2 2 2	1 2 5	30 26 20	9 3 1	Fresh " "	D D D	Clay 12;sand 22;granite 89. Water at 75. Clay 10;sand boulders 22;granite 70. Water at 60. Clay 18;sand boulders 43;granite 53. Water at 50.
Elber Twp. Con I lot 13	Trans Canada Pipe Line	International Water Supply " "	July 15	6	20	18	0	Fresh	T	Clay 7;clay gravel 27;sandy clay gravel 65;dirty sand gravel 68;boulders red granite 70. Water from 65 to 70.
Con I " 13	"	"	July 21	10					T	Topsoil 4;clay 44;clay gravel 48;silty sand gravel 61;gravel clay 68;clay gravel 90;gravel boulders 99;red granite 99.
Con I " 13	"	"	July 28	6	50	9	0	Fresh	T	Black muck 3;clay 18;clay gravel 66;gravel boulders 70;red granite 70. Water from 66 to 70.
Con I " 13	"	"	Sept. 11	6	30	8	0	"	C	Clay 25;silty sand gravel 35; silty clay 64;dirty sand gravel boulders 67;boulders 68;red granite 69. Water from 64 to 68.
Con I " 13	"	"	Sept. 17	6	30	12	2½	"	C	Clay 8;clay gravel 66;dirty sand gravel 71;red granite 71½.
Con II " 13	I. Morin	D. Groleau Diamond Drilling International Water Supply	May 13	2	3	20	3	"	D	Water from 66 to 71. Clay 10;sand 30;sand boulders 89;granite 142. Water from 91 to 135.
Con II " 13	Trans Canada Pipe Lines	"	June 24	6	5	17	0	"	C	Topsoil 1;sandy clay 6;silty sand 12;silty sand gravel 41;clay 55;gravel silty sand 60;sand gravel 62;clay gravel silty sand 69;clay boulders 71;bedrock red granite 71. Water from 60 to 62.
Con II " 13	"	"	July 7	10					T	Topsoil 1;clay 18;clay gravel 34;silty sand gravel 42;dirty sand gravel 44;clay gravel 52;clay 67;coarse sand gravel boulders 75;clay gravel 84;dirty sand gravel boulders 94;red granite 94.
Con II " 23	H. Plamondon	D. Groleau Diamond Drilling	May 6	2	3	23	3	"	D	Clay 25;granite 70. Water at 65.
Con III " 20	A. Nadeau	"	Oct. 9	2	1	30	6	"	D	Clay 46;sand boulders 80;granite 182. Water at 170.
Con III " 24	A. Dupuis	"	May 5	2	2	26	0	"	P	Clay 40;granite 308. Water at 129, 260 and 304.
Con III " 25	E. Breton	"	May 7	2	4	20	15	"	D	Clay 25;sand boulders 39;granite 77. Water at 75.
Con IV " 26	Ont. Dept. of Highways	"	Aug. 18	6	5	20	12	"	D	Clay 37;sand boulders 47;granite 209. Water at 200.
Fauquier Twp. Con III lot 12 Con III " 12	J. Damour W. Packard	P. Pillion " "	July 15 July 18	1 1	2 4	15 10	15 10	Fresh "	D D	Brown clay 4;grey clay 19;granite 49. Water at 40. Brown clay 4;grey clay 19;granite 36. Water at 35.
German Twp. Con I lot 8	C. Stolan	T. Longstreet	Sept. 4	4	3	59	7	Fresh	C	Brown clay 3;blue clay 30;clay sand 50;hardpan boulders 58;coarse gravel 65. Water at 65.
Glackmeyer Twp. Con II lot 18 Con II " 20	A. Ducharme N. Gerard	D. Noel J.B. Longstreet	Sept. 14 May 28	2 6	5 40	30 69	20 51	Fresh "	D,S D,S	Sandy clay 20;quicksand 50;gravel 53. Water at 52. Brown clay 8;brown sand 50;coarse sand 90;sand gravel 110. Water from 51 to 110.
Con X " 11	O. Genier	N. Dubeau	Sept. 12	1½	10		Flows	"	D	Clay 60;quicksand 100;clay 135;gravel 141. Water at 138.
Healan Twp. Con I lot 15	E. Beglin	D. Groleau	Oct. 7	2	1	30	12	Fresh	D	Clay 31;granite 110. Water at 90.
Hishop Twp. Con V lot 10	J. Wright	J.B. Longstreet	Jan. 24	6	6	60	36	Fresh	D,S	Red clay 20;blue clay 42;quicksand 191;coarse gravel 198. Water at 198.



## COCHRANE DISTRICT- cont.

Idingdon Twp. Con IV	lot 1	L. Murry	D. Groleau Diamond Drilling	Aug. 14	2	2	40	3	Fresh	D	Clay 46; granite 224. Water at 219.
Con IX	" 23	A. Lambert	" "	Oct. 20	2	1	30	6	"	D	Sand 17; granite 200. Water at 120.
Con IX	" 24	E. Lemieux	" "	Oct. 21	2	3	21	5	"	D	Sand 30; granite 67. Water at 60.
Kendall Twp. Con IX	lot 27	School S. #5	D. Groleau Diamond Drilling	June 11	2	5	15	10	Fresh	P	Clay 20; gravel 30; granite 252. Water at 235.
Con X	" 15	M. Giron	" "	Sep. 21	2	2	29	7	"	D	Clay 10; sand boulders 50; granite 130. Water at 125.
Con X	" 22	O. Camire	" "	Sep. 10	1½	2	29	6	"	D	Gravel boulders 20; granite 63. Water at 60.
Con X	" 23	J. Levesque	" "	Sep. 11	2	3	26	8	"	P	Clay 20; gravel 33; granite 58. Water at 52.
Con X	" 24	R. Talbot	" "	June 17	2	2	25	2	"	D	Clay 30; sand boulders 52; dark grey rock 91. Water at 88.
Con X	" 24	J. Herbert	" "	Sep. 9	2	2	29	3	"	D	Clay 12; sand gravel 49. Water at 47.
Con XI	" 23	T. Hatch	" "	June 15	2	3	28	15	"	D	Clay 10; sand 48; dark grey rock 83; granite 93. Water from 69 to 90.
Con XI	" 24	V. Picard	" "	June 13	2	5	15	8	"	D	Clay 25; sand boulders 45; granite 122. Water at 118.
Con XI	" 24	G. Roy	" "	July 30	2	2	29	6	"	D	Clay 11; sand 35; gravel 50; granite 84. Water at 75.
Con XI	" 24	A. Morin	" "	Oct. 2	2	2	27	12	"	D	Clay 17; gravel 45; granite 109. Water at 95.
Con XI	" 25	P. Maillette	" "	Aug. 1	2	2	29	7	"	D	Clay 11; sand boulders 45; granite 131. Water at 125.
Con XI	" 25	E. Hardy	" "	Sep. 14	2	1	30	4	"	D	Clay 15; gravel boulders 47; granite 60. Water at 55.
Con XI	" 26	J. Carrier	" "	Sep. 12	2	1	30	3	"	D	Clay 11; sand gravel 59. Water at 59.
Con XI	" 26	H. Ote	" "	Sep. 15	2	1	30	5	"	D	Clay 23; gravel boulders 50. Water at 50.
Lamarche Twp. Con II	lot 8	A. Claire	N. Dubeau	June 29	1½	3	12	12	Fresh	D, S	Clay 78; gravel 80. Water at 80.
Con III	" 6	B. Prevost	" "	Aug. 1	1½	8	-	0	"	D, S	Clay 50; quicksand 122; coarse gravel 126. Water at 122.
Con IV	" 9	H. H. Carter	" "	June 10	1½	10	4	4	"	D	Clay 75; quicksand 85; gravel 91. Water at 91.
Con VI	" 8	J. P. Martel	" "	June 25	1½	3	22	22	"	D	Clay 35; quicksand 85; hardpan 98; gravel 100. Water at 98.
Con VI	" 9	B. Courville	" "	Aug. 8	1½	2	10	10	"	D	Black muck 4; clay 50; quicksand 60; gravel 66. Water at 60.
Con VI	" 9	E. Girard	" "	Aug. 29	1½	3	12½	12½	"	D	Clay 50; quicksand 66; gravel 71½. Water at 66.
Matheson Twp. Con III	lot 3	L. Watt	D. Noel	May 26	1½	5	19	19	Fresh	D, S	Brown clay 35; hardpan sand 110. Dry hole.
Mountjoy Twp. Con III	lot 8	J. Damour	D. Noel	Aug. 28	1½	5	19	19	Fresh	D, S	Black clay 2; blue clay 55; hardpan 70; coarse gravel 75. Water at 75.
Nansen Twp. Con XI	lot 12	O. Degrosselle	P. Fillion	Sep. 15	1½	1	12	7	Fresh	D	Brown clay 3; grey clay 18; granite 38. Water at 36.
Con XII	" 12	J. Dubosq	D. Groleau Diamond Drilling	Oct. 23	1½	1	30	0	"	D	Clay 18; clay boulders 50; granite 258. Water at 250.
Newmarket Twp. Con V	lot 4	Ont. Northland Railway	D. Groleau Diamond Drilling	June 29	2	4	25	14	Fresh	D	Clay 37; sand 110; boulders 126. Water at 126.
O'Brien Twp. Con IX	lot 26	J. Brixhe	D. Groleau Diamond Drilling	Aug. 25	2	1	30	22	Fresh	D	Clay 87; boulders 95; granite 163. Water at 140.
Con XI	" 12	Ether Bros.	" "	July 11	2	2	29	0	"	D, S	Clay 40; sand 102; granite 108. Water at 105.
Con XI	" 13	L. Rodrigue	" "	Aug. 10	2	1	29	11	"	D	Black clay 3; clay 32; granite 96. Water at 45.
Con XI	" 19	N. Hadeau	" "	Oct. 29	2	3	25	4	"	D	Grey clay 10; sand 86; sand boulders 107. Water at 101.
Con XII	" 14	O. P. P.	C. Goodberry Well Drilling	June 5	7	8	136	6	"	D	Bog 4; soft grey clay 27; black granite 81; light grey granite 115; black granite 144. Water at 81, 96, 110 and 120.
Con XII	" 14	O. Gagnon	P. Filion	July 20	1½	1	25	15	"	D	Brown clay 4; blue clay 58; granite 68. Water at 65.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>COCHRANE DISTRICT-cont.</b>										
O'Brien Twp. cont. Con XII lot 18	J. Brouillard	D. Groleau	Aug. 11	2	2	28	14	Fresh	D	Clay 24; boulders 26; dark grey rock 103. Water at 70.
Con XII " 19	Val Albert	Diamond Drilling	Oct. 29	8			0	"	T	Black muck 4; blue clay 42; clay gravel boulders 93; coarse gravel 106; granite 130. Water at 93.
Con XIII " 17	R. Scott	E.O. Longstreet	Sep. 21	1½	1	28	7	"	D	Clay 15; granite 204. Water at 150.
Con XIII " 26	Larabie Bros.	D. Groleau	Sep. 7	2	2	23	19	"	D	Clay 27; gravel 28; granite 71. Water at 67.
Con XIII " 26	Dom. Experiment- tal Farm	Diamond Drilling	Aug. 27	2	1	29	0	"	S	Clay 40; gravel 46; granite 144. Water at 135.
Con XIII " 26	A. Tremblay	"	Aug. 28	2	2	28	3	"	S	Clay 69; gravel 154; granite 149. Water at 140.
Con XIV " 19	T. Schlopes	"	Aug. 16	1½	2	29	18	"	D	Clay 15; granite 159. Water at 155.
Con XIV " 19	W. Gauvin	"	Aug. 28	2	1	29	16	"	D	Clay 37; granite 120. Water at 110.
Con XIV " 19	W. Bergeron	"	Sep. 8	1	2	30	12	"	D	Clay 16; granite 79. Water at 79.
Con XIV " 19	"	"	Sep. 18	1	1	30	17	"	D	Clay 15; granite 110. Water at 100.
Con XIV " 19	"	"	Sep. 18	1	1	29	17	"	D	Clay 17; granite 110. Water at 95.
Con XIV " 24	Dept. of Land & Forests	"	June 25	2	1	29	26	"	P	Clay 31; granite 152. Water at 145.
Con XV " 18	L. Leviere	"	Aug. 7	2	3	28	9	"	D	Clay 26; granite 59. Water at 57.
Con XV " 19	S. Kaminskyj	"	June 22	2	2	29	15	"	D	Clay 6; sand 65; granite 88. Water at 85.
Con XV " 19	S. Pastoriak	"	July 23	2	1	29	22	"	D	Clay 30; sand 38; boulders 41; granite 145. Water at 125.
Con XV " 19	W. Kancir	"	Aug. 18	2	2	29	12	"	D	Clay 30; granite 120. Water at 110.
Con XV " 19	J. Myrgas	"	Oct. 6	2	2	27	14	"	D	Clay 30; granite 77. Water at 65.
Con XV " 19	H. Mazepa	"	Oct. 30	2	2	25	14	"	D	Grey clay 41; grey granite 101. Water at 95.
<b>Owens Twp.</b>										
Con XVI lot 3	G. Corbin	D. Groleau	June 18	2	1	29	8	Fresh	D	Clay 25; sand 45; sand boulders 72; granite 111. Water at 105.
Con XVII " 9	C. Jeter	Diamond Drilling	July 2	2	2	28	4	"	D	Clay 12; dark grey rock 42. Water at 35.
Con XVII " 9	R. Jessard	"	July 2	2	4	15	4	"	D	Clay 11; dark grey rock 46. Water at 40.
Con XVII " 10	W. Deslaurier	"	May 15	2	2	25	5	"	D	Clay 9; dark grey rock white quartz 92. Water at 80.
<b>Playfair Twp.</b>										
Con V lot 6	Catholic Church	E. Robitaille	Oct. 22	4	4	8	3	Fresh	D	Brown clay 4; blue clay 30; quicksand 66; coarse gravel 70.
Con VI " 5	H. Morrison	"	Aug. 6	4	1	49	29	"	D	Water at 70. Brown clay 3; blue clay 45; fine gravel 48; blue rock 49. Water at 49.
<b>Shackleton Twp.</b>										
Con XI lot 16	P. Chabot	D. Groleau	June 30	2	2	27	7	Fresh	D	Clay 15; clay boulders 35; sand boulders 74; quartz granite 100. Water at 90.
Con XI " 20	M. Gaudreau	"	Aug. 15	2	1	29	0	"	D	Clay 24; granite 106. Water at 90.
Con XI " 21	R. Fortin	"	July 1	2	7	10	5	"	D	Clay 30; sand 65; gravel 67. Water at 65.
Con XI " 23	R. Leonard	"	June 27	2	4	15	5	"	In	Clay 15; sand 45; coarse sand boulders 55. Water at 53.
Con XII " 23	Fauquier Esso Service	"	July 13	2	4	24	4	"	C	Clay 48; sand boulders 84. Water at 84.
Con XII " 24	F. E. Gendron	"	May 16	2	3	22	2	"	D	Clay 9; boulders 24; granite 71. Water at 65.
Con XII " 24	J. Laferriere	"	July 22	2	1	29	7	"	D	Clay 5; granite 40. Water at 38.
Con XII " 24	"	"	July 23	2	1	29	2	"	D	Clay 15; sand boulders 22; granite 60. Water at 55.
Con XII " 24	"	"	Sep. 24	2	2	28	14	"	D	Clay sand 40; granite 86. Water at 73.
Con XII " 24	L. Duchaine	"	Oct. 3	2	3	22	25	"	D	Clay boulders 9; boulders 30; granite 107. Water at 100.
Con XII " 25	L. Larochelle	"	June 7	2	1	90	4	"	D	Clay sand 82; fine sand boulders 92; granite 197. Water at 175.
Con XII " 25	C. D'Amour	"	June 15	2	3	24	1	"	D	Clay 8; granite 139. Water at 135.
Con XII " 25	R. Robicheau	"	July 18	2	3	29	1	"	D	Clay 12; granite 33. Water at 31.
Con XII " 25	E. Blais	"	July 27	2	2	28	0	"	D	Clay 21; granite 130. Water at 125.
Con XII " 25	L. Hache	"	Aug. 12	2	2	28	16	"	D	Clay 24; sand boulders 75; granite 112. Water at 105.

COCHRANE DISTRICT- cont.

Shackleton Twp.- cont. Con XII lot 25	J. Jafferiere	Oct. 5	2	2	28	10	Fresh	D	Clay 11; granite 175. Water at 173.
Shaw Twp. Unsurveyed Area	J. Chenier	July 29	1	10	20	4	Fresh	D, S	Blue clay 50; hardpan 60. Water at 60.
Taylor Twp. Con VI lot 4	P. Burnet	July 9	2	5	40	36	Fresh	D	Clay 36; gravel 40; granite 50. Water at 45.
Torrance Twp. Unsurveyed Area	Spruce Falls Power/Paper	July 13	2	5	40	24	Fresh	In	Clay 40; sand 100. Water at 96.
Way Twp. Con II lot 9	E. Proux	Oct. 3	2	3	20	11	Fresh	D	Clay 12; gravel 30; granite 92. Water at 80.
Con V " 11	J. Morin	Sep. 17	2	5	20	15	"	D	Clay 16; sand boulders 90; granite 96. Water at 95.
DUFFERIN COUNTY									
Amaranth Twp. Con I lot 1	M. Platt	Oct. 22	4	15	40	30	Fresh	D	Fine sand clay 25; sandy red clay 50; limestone 100. Water from 85 to 100.
Con II " 11	J. Greasan	Apr. 22	4	9	50	45	"	D	Boulders clay 65; cemented stony gravel 110; loose gravel 113. Water from 110 to 113.
Con II " 11	G. Brown	Aug. 18	4	8	50	18	"	D	Clay 25; gravelly clay 70; clay sandstones 90; limestone 115. Water from 100 to 115.
Con III " 13	F. Dedenhoff	Oct. 13	4	10	50	25	"	D	Dug 24; stony clay 59; limestone 135. Water from 120 to 135.
Con III " 28	A. Bentley	Sep. 25	4	15	15	10	"	D	Gravelly clay 15; blue clay 50, limestone 65. Water from 55 to 65.
Con IV " 5	W. Brown	Apr. 1	4	8	75	50	"	D	Stony clay 40; sandy clay 65; clay 80; gravelly clay shelly limestone 100; limestone 130. Water at 110 and 125.
Con IV " 15	Potts Bros.	Oct. 20	7	8	45	27	"	D, S	Dug 35; gravel 71; limestone 104. Water at 102.
Con V " 31	Wm. Andrew	Sep. 28	4	15	15	10	"	D	Sandy clay 25; blue clay 53; gravel 56. Water at 53 to 56.
Con VI " 19	Thornton Pollard	Oct. 2	4	15	8	3	"	D	Blue clay 30; gravelly clay 68; gravel 70. Water from 68 to 70.
Con VII " 2	J. B. Laxton	Oct. 20	7	12	50	28	Fresh	D	Brown sand gravel 14; brown clay 68; blue clay 92; grey quicksand 99; limestone 101; coarse gravel 104. Water at 104.
East Garafraza Twp. Con A lot 6	G. Simpson	Mar. 11	7	2	200	55	Fresh	D, S	Dug 39; dirty sand 122; clay gravel 201; limestone 220. Water at 215.
Con C " 4	Orangeville International Water Supply	May 6	10	152	36	0	"	P	Black muck 9; dirty gravel 12; sandy clay 33; silty sand 41; boulders 42; brown limestone 55; blue grey limestone 76; brown grey limestone 115; brown grey limestone streaks of red shale 160. Water from 42 to 160.
Con XIX " 7	G. Foster	Nov. 3	4	10	35	27	"	D	Gravel 20; gravelly clay 35; sandy clay 127; gravel 130. Water from 127 to 130.
East Luther Twp. Con I lot 29	C. Irven	May 4	4	10	20	13	Fresh	D, S	Dug 25; yellow clay 105; grey limestone 165. Water at 165.
Con I " 30	School S. #7 & #8	June 17	4	10	20	10	"	P	Sandy clay 140; grey limestone 232. Water at 232.
Con IV " 30	School S. #6	May 24	4	20	0	0	"	P	Stone clay 20; grey limestone 65. Water at 65.
Con X " 28	A. Johnston	Nov. 5	4 1/2	8	25	6	"	D, S	Top soil 6; hardpan 28; shale 35; blue shale 74; white limestone 146. Water from 104 to 146.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUPPERIN COUNTY- cont. East Luther Twp. cont. Con XII lot 21	A. Townsend	R. H. Gadke	Dec. 6	4 1/2	8	25	24	Fresh	D, S	Top soil 6; gravel boulders 13; clay hardpan 42; shale 85; blue shale 196; white limestone 222. Water from 210 to 222.
Grand Valley	Wm. McCulloch	J. Gudney	May 19	4	10	25	20	Fresh	D	Dug 25; stony clay 55; hard blue limestone 135. Water at 135.
Melancthon Twp. Con I lot 7	A. Davison	C. Smith	Aug. 5	4	10	45	31	Fresh	D	Dug 32; stony clay 75; limestone 87. Water from 80 to 87.
Con I lot 14	J. Brown	Durham Drillers	Oct. 24	4	6	45	42	"	D	Sandy clay 45; sand 50; coarse sand gravel 57; hardpan boulders 88; grey rock 114. Water at 105.
Con I lot 15	J. Charles	C. Smith	Nov. 5	4	6	68	56	"	D	Gravelly clay 45; limestone 83. Water from 70 to 83.
Con II lot 13	H. Earle	Durham Drillers	Nov. 5	4	5	87	80	"	S	Top soil 4; hardpan boulders 40; sand gravel 70; broken shelf rock 90. Water at 88.
Con II lot 14	Wm. Hunter	C. Smith	Sep. 18	4	10	30	26	"	D	Boulders clay 26; limestone 44. Water from 30 to 44.
Mono Twp. HSE Con I lot 18	G. Muirhead	C. Shropshire	May 15	4	5	18	18	Fresh	D, S	Dug 18; gravel 23; grey limestone 55. Water at 50.
HSE Con II lot 11	S. H. Clarke	C. Smith	May 16	4	1	175	100	"	D	Stony gravelly clay limestone 80; blue shale 140; red shale 200. Water from 150 to 200.
HSE Con V lot 12	C. G. Smith	"	Aug. 30	4	8	55	52	"	D	Dug 60; sand 105; fine gravel 106. Water from 105 to 106.
HSE Con VII lot 29	N. Galbraith	M. Coupland	Aug. 11	4	7	120	26	"	D, S	Clay loam 16; boulders 20; clay boulders 36; granite 50; brown shale granite 120. Water at 120.
HSW Con I lot 3	P. U. C.	International Water Supply	Jan. 28	2	37	14	6	"	T	Top soil 2; sandy clay 5; silty sand gravel 35; clay gravel 41; blue clay streaks of shale 50; blue red shale 51. Water from 35 to 41.
HSW Con I lot 3	"	"	Feb. 24	5				"	T	Black muck 4; gravel with silty sand 26; red clay 27; clay gravel red shale 33.
HSW Con I lot 11	G. M. Docter	C. Smith	Apr. 30	4	8	58	53	Fresh	D	Dug 52; sand 70; sandy clay stones 95; clay shelly limestone 100; limestone 132. Water from 110 to 130.
HSW Con II lot 4	E. Morgan	"	Nov. 19	4	10	25	20	"	D	Sand 10; clay sand 25; sandy clay stones 46; shelly limestone 53. Water from 46 to 53.
HSW Con III lot 10	B. Vanommen	E. Sauder	May 29	5	11	77	25	"	D, S	Top soil 2; clay stones 108; hard grey rock 143; brown rock 145. Water at 143.
Mulmer Twp. HSE Con I lot 1	D. Stewart	C. Smith	Nov. 16	4	3	160	99	Fresh	D	Soil 15; blue clay 60; sandy clay 80; gravelly clay 97; limestone 115; red blue shale 173. Water from 115 to 173.
HSE Con IV lot 13	K. Johnston	M. Coupland	Sep. 5	4	3	175	146	"	D, S	Clay loam 12; gravel boulders 60; yellow sand clay 160; fine sand 170; medium sand 182. Water at 182.
HSE Con VII lot 32	W. R. Morby	F. Wright & Son	Sep. 14	4	3	103	101	"	D	Top soil 2; brown clay stones 38; sand 89; clay sand 94; hard clay 119; sand 133. Water at 133.
HSW Con I lot 4	Dr. G. Hopkins	Water Well Drllg.	Dec. 11	4	10	80	80	"	D, S	Previously drilled 50; blue grey shale 110. Water at 108.
HSW Con I lot 19	C. Duffin	C. Smith	Aug. 3	4	8	60	47	"	D	Clay stones 30; sandy clay 45; red shale 82. Water from 50 to 82.
HSW Con I lot 20	E. H. Ainlay	"	July 27	4	8	50	17	"	D	Sandy clay 20; stony clay 65; red shale 100. Water from 75 to 100.
Orangeville	P. U. C.	International Water Supply	Jan. 14	5				"	T	Top soil 1; sandy clay 2; gravel 8; gravel fine sand 24; sandy clay gravel 51; sandy clay gravel silty sand 83; clay gravel 175.
Orangeville	"	"	Jan. 19	5				"	T	Top soil 1; sand clay 4; sand gravel boulders 18; limestone 26.
Orangeville	Orangeville	"	June 10	12	230	39	0	"	F	Top soil 1; brown fine sand 6; clay gravel 11; grey soft clay 23; grey silty sand 37; silty sand gravel 47; red grey shale 51; dark grey limestone 56; grey limestone 60; brown limestone 120; grey limestone 160; yellow grey limestone 165. Water at 60.



Shelburne	Shelburne Village	M.S.Bellerby	Apr. 15	12	265	25	20	Fresh	P	Dead sand clay 42;shaly limestone 47:solid grey limestone 100. Water from 50 to 100.	
DUNDAS COUNTY	Chesterville	A.Gauthier	May 6	4	12	15	12	Fresh	D	Hardpan 31;limestone 32. Water at 32.	
	Chesterville	"	May 23	4	12	19	14	"	D	Hardpan 35;limestone 45. Water at 45.	
	Chesterville	"	Aug. 26	4	8	27	25	"	D	Hardpan 37;limestone 45. Water at 40.	
	Chesterville	United Church	Sept. 28	4	10	30	26	"	P	Hardpan 27;limestone 63. Water at 60.	
	Chesterville	"	Oct. 6	4	13	30	18	"	D	Hardpan 37;limestone 42. Water at 37.	
	Chesterville	R.H.Casselman	Nov. 3	8	27	75	18	Salty	T	Pill 3:clay 8;cemented clay gravel 33;clay sand gravel 42; soft grey limestone 109. Water at 102.	
	Chesterville	"	Nov. 24	8	21	80	9	Fresh	T	Clay loam 4;boulders gravel clay sand 20;clay sand gravel 27; rock 32;hard grey limestone 126. Water at 35 to 70.	
	Chesterville	"	Dec. 5	8	150	37	9	"	P	Clay loam 1;clay sand gravel 34;sand gravel 37;rock 38; soft limestone 85. Water from 56 to 75.	
	Matilda Twp.	R.H.Casselman	Aug. 18	4	10	21	14	Fresh	P	Sand clay boulders 9;gravel clay 60;sand 62;limestone 107. Water at 97.	
	Con I	"	Jan. 29	10	100	200	5	"	T	Clay sand hardpan gravel 12;boulders hardpan 24;clay gravel 56;limestone 228. Water at 200.	
Con I	"	Sept. 1	5	15	17	11	"	D,S	Dug 34;hardpan gravel 51;gravel sand clay 71;limestone 99. Water at 89.		
Con I	"	Sept. 26	5	10	17	12	"	D	Boulders hardpan 17;gravel hardpan 30;clay gravel 49;limestone 74. Water at 64.		
Con I	"	Feb. 10	5	14	24	18	"	D	Pill 4;top soil 6;boulders hardpan 25;rock layers gravel 35; limestone 65. Water at 55.		
Con I	"	Aug. 26	5	10	24	16	"	C	Boulders hardpan 20;hardpan 30;limestone 67. Water at 57.		
Con I	"	Mar. 14	5	17	33	12	"	D	Loam 2;gravel clay sand 6;layers rock 19;limestone 47. Water at 37.		
Con I	"	Sept. 21	2	7	30	18	"	D	Clay 10;gravel sand 48;limestone 98. Water at 98.		
Con II	"	R.H.Casselman	Jan. 30	5	13	60	3	"	D	Top soil 2;hardpan boulders 35;gravel sand clay 50;limestone 87. Water at 77.	
Con II	"	"	Mar. 19	5	24	7	1	"	D,S	Dug 25;hardpan 39;limestone 70. Water at 60.	
Con II	"	P.DeJong	Jan. 16	5	17	21	6	"	S	Old well 17;gravel sand clay 52;limestone 80. Water at 75.	
Con IV	"	"	Aug. 8	4	2	19	10	"	D	Dug 22;clay gravel 39;grey limestone 75;iron ore 78;grey limestone 157. Water at 147.	
Con V	"	"	Oct. 24	5	20	33	19	"	S	Boulders hardpan 26;clay gravel 52;limestone 114. Water at 104.	
Con V	"	"	Oct. 10	5	17	12	6	"	S	Clay 49;sand gravel 54;limestone 81. Water at 71.	
Con VII	"	"	Nov. 6	5	17	28	12	"	D,S	Top soil 1;hardpan gravel 30;gravel clay 48;gravel 60;limestone 83. Water at 73.	
Mountain Twp.	Con I	I.Simzer & Sons	June 11	5	15	30	12	Fresh	D,S	Clay 5;hardpan boulders 45;gravel 54;limestone 121. Water at 121.	
	Con II	"	Feb. 12	5	20	14	4	"	D	Clay 65;fine gravel 71;limestone 99. Water at 99.	
	Con II	"	Nov. 3	5	15	18	10	"	D,S	Dug 20;clay boulders 40;limestone 89. Water at 89.	
	Con III	"	June 13	5	13	12	8	"	D	Dug 9;clay boulders 20;limestone 62. Water at 62.	
	Con III	"	June 24	5	15	15	10	"	D	Clay 20;limestone 68. Water at 60.	
	Con IV	"	Aug. 28	5	15	25	17	"	D,S	Dug 18;hardpan 37;limestone 79. Water at 79.	
	Con V	"	June 6	5	33	22	10	"	D	Clay 48;gravel 50;limestone 70. Water from 48 to 50.	
	Con VI	"	Sept. 9	5	13	18	12	"	D	Dug 12;clay gravel 60;limestone 70;limestone 83. Water at 83.	
	Con VI	"	Sept. 14	5	15	20	15	"	D	Sand 5;clay 50;gravel 70;limestone 100. Water at 100.	
	Con VII	"	"	Sept. 3	5	13	15	"	D,S	Dug 15;gravel 37;limestone 46. Water at 46.	
	Con XII	"	"	"	5	15	15	7	"	"	"

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUNDAS COUNTY- cont. Williamsburg Twp. Con I	Ont. St. Lawrence Developm.	R.H.Casselman	Apr. 21	5	20	38	11	Fresh	P	Hardpan boulders 31; hardpan gravel 74; limestone 180. Water at 170.
	" 6	"	July 23	5	20	12	7	"	P	Hardpan boulders 32; clay gravel sand 75; limestone 182. Water at 172.
	" 12	D. Richardson	Apr. 2	5	20	18	10	"	P	Top soil 1; gravel hardpan 86; boulders 89; gravel hardpan 105; limestone 132. Water at 121.
	" 15	A. Casselman	Oct. 23	4	15	20	8	"	D	Hardpan 20; quicksand 99. Water at 99.
	" 16	Ont. St. Lawrence Developm. Comm	May 19	5	20	25	10	"	P	Brown sand 10; gravel clay sand 88; grey sand 100; gravel sand 103; limestone 192. Water at 182.
	" 19	Bellefeuille	Apr. 4	4	10	40	Flows	"	D	Quicksand 80; limestone 93. Water at 93.
	" 19	E. Seymour	Apr. 11	4	10	20	8	"	D	Hardpan 20; quicksand 93; limestone 100. Water at 100.
	" 18	C. Watson	Apr. 22	4	4	39	4	"	D	Hardpan 20; sand 40; gravel 49. Water at 49.
	" 25	T. Riddick	Oct. 28	4	20	25	7	"	S	Hardpan 63. Water at 63.
	" 16	J. Carlsner	Apr. 30	4	10	50	4	"	D	Hardpan 20; yellow sand 51; limestone 61. Water at 61.
	" 28	W. Garlough	Dec. 15	5	16	42	10	"	D, S	Old well 21; gravel clay boulders 32; gravel clay sand 75; gravel fine sand 90; fine sand 93; limestone 118. Water at 110.
	" 18	J. Stewart	May 21	4	15	15	1	"	D	Hardpan 53; rock 60. Water at 60.
	" 26	B. Casselman	Aug. 18	4	12	30	9	"	S	Hardpan 39; limestone 50. Water at 45.
	Winchester Village	International Water Supply	Feb. 11	12	110	131	21	Sulphur	I <sub>n</sub>	Fill boulders clay gravel 12; boulders brown clay gravel 26; Dolomite 60; limestone 112; Dolomite 150; sandstone 180; sandstone streaks limestone 220; sandstone limestone 225; black stone 228; granite limestone 24; sandstone limestone 255; black Dolomite 260; grey limestone black Dolomite 355; limestone Dolomite quartz 370; limestone Dolomite 470; limestone 475; Dolomite limestone 480; limestone 488; grey limestone 488; March formation 594; grey limestone 825; dark grey limestone 856; Potsdam sandstone 682; March formation 692; Potsdam sandstone 705; sandstone streaks quartz 710; Potsdam sandstone 735; sandstone soft streak limestone 740; sandstone hard streaks limestone 755; sandstone limestone 800. Water from 26 to 100.
	Winchester Twp.	A. Gauthier	July 21	4	7	20	9	Fresh	D	Hardpan 10; limestone 50. Water at 45.
	Con II lot 16	J. Martel	Sep. 9	4	3	50	18	"	S	Hardpan 10; limestone 70. Water at 59.
Winchester Twp.	Con II	J. Moran	July 25	5	40	10	10	"	D, S	Dug 21; clay boulders 49; limestone 151. Water at 151.
	Con III	M. Lynch	Aug. 5	5	15	23	3	"	D, S	Dug 21; clay boulders 72; limestone 148. Water at 148.
	Con III	C. Summers	Oct. 16	4	15	30	21	"	D	Hardpan 21; limestone 50. Water at 45.
	Con IV	R. Allison	June 5	7	20	35	2	"	C	Top soil 1; clay 2; blue limestone 91. Water at 19, 29 and 75.
	Con V	Ont. Dept. of Highways	Oct. 14	4	15	20	17	"	D	Hardpan 15; limestone 60. Water at 55.
	Con V	R. Hutchinson	Nov. 10	4	8	15	Flows	Sulphur	S	Hardpan 13; limestone 60. Water at 55.
	Con V	G. Smith	Sep. 18	4	12	30	12	Fresh	S	Hardpan 20; limestone 38. Water at 30.
	Con V	L. Sharkey	May 14	4	15	18	7	"	D	Hardpan 25; limestone 43. Water at 43.
	Con VI	L. MacIlles	Oct. 24	5	15	16	9	"	D	Clay 10; limestone 55. Water at 55.
	Con VI	R. Rennick	Aug. 31	4	15	30	15	Sulphur	S	Hardpan 17; limestone 60. Water at 55.
	Con VII	H.E. Merkle	June 17	4	5	60	5	"	S	Hardpan 24; limestone 90. Water at 85.
	Con IX	T. Servage	Mar. 17	4	10	65	25	"	S	Hardpan 2; sandstone 85. Water at 70.
	Con X	R. Shaw	Mar. 5	4	10	25	20	Fresh	S	Hardpan 38; gravel 40. Water at 40.
	Con X	L. Dicorrali	Oct. 30	4	12	17	15	"	D	Boulders gravelly ground 20; hardpan 35; soft grey limestone 56. Water at 56.
	Con XII	J.R. Kettles	Oct. 30	4	12	17	15	"	D	

DURHAM COUNTY

Bowmanville	C. Ellen	G. Fulton	Feb. 12	4																Dug 5; brown clay boulders 32; cemented gravel brown clay 61; cemented gravel 62; blue clay 98; layers cemented gravel blue clay 98 to 162; cap rock 180. Dry hole.
Bowmanville	"	D. Walsh	Feb. 14	7	24	60	14	Fresh	D											Grey clay boulders 20; grey clay stones gravel 160. Water from 90 to 160.
Bowmanville	J. Vanderkooi	G. Fulton	Apr. 1	4	1	108	20	"	D											Top soil 1; brown clay boulders 32; hard blue clay 70; gravel 72; soft clay 107; sand 108. Water at 70 and 107.
Bowmanville	Bowmanville	Hoskin Bros.	Aug. 10	36			11	"	P											Fill 2; black clay loam 3; sub soil 4; stony brown clay 7; stony blue clay 15; sand clay 17; rock 17. Water at 15.
Bowmanville	Dog Pound	G. Fulton	Sep. 18	30	2	20	20	"	D											Dug 25; blue clay 36; coarse gravel 37. Water from 36 to 37.
Bowmanville	J. Bowman	"	Sep. 18	30		70	18	"	P											Dug 23; cemented gravel 45; soft blue clay 70. Water from 23 to 46.
Bowmanville	Christian Church	"																		
Cartwright Twp.																				
Con V	lot 11	C. McLaughlin	Apr. 14	36			16	Fresh	D											Sandy loam 1; sub soil 2; stony clay 18; sand 35. Water at 18.
Con V	" 11	Blackstock	June 30	36			24	"	P											Clay loam 1; sub soil 3; clay stones 12; sand 33. Water at 21.
Con V	" 11	Publ. School	July 3	36			19	"	P											Clay loam 1; sub soil 3; clay 11; blue clay 19; hardpan 30; sand clay 36; sand 40. Water at 36.
Con V	" 11	Blackstock	Nov. 7	6	10	70	28	"	P											Top soil 2; clay stones 18; sand hardpan 70; sand 87. Gravel 90. Water at 90.
Con V	" 11	Angl. Church	Apr. 27	7	10	50	31	"	D											Top soil 1; brown clay with stones 20; gravel 60; blue clay small stones 142; sand gravel 153; fine sand 155; fine gravel 156. Water at 156.
Con VI	" 9	S. Taylor	Nov. 23	6	3	130	40	"	D, S											Old well 35; blue clay 134; sandy gravel 137. Water at 137.
Con VI	" 10	W. VanCamp	Jan. 7	7	24	40	10	"	D											Sandy top soil 4; blue clay boulders 44; sandy brown clay 74; coarse gravel 76. Water at 76.
Con VI	" 15	V. Hudson	Oct. 28	6	20	130	30	"	D, S											Old well 40; clay 155; sandy gravel 159. Water at 159.
Con VII	" 8	H. Vine	Mar. 10	6	8	150	20	"	D, S											Top soil 1; brown clay gravel stones 48; brown sand 110; grey clay gravel 213; sandy clay 214; sandy gravel 229; gravel 230. Water at 230.
Con VII	" 14	G. Wilson	Aug. 24	30	4		16	"	D											Top soil 3; grey clay 48. Water at 18.
Con VIII	" 11	Wm. Thompson	Dec. 27	6	6	20	14	"	D											Dug 17; blue clay sand 40. Water at 40.
Con VIII	" 12	A. Tomchishin	Oct. 8	36	2		48	"	D											Clay loam 1; sub soil 2; sandy clay 9; sandy gravel 23; hardpan 51. Water from 23 to 51.
Con IX	" 13	R. Cates	Aug. 7	36			3	"	D											Clay loam 1; sub soil 2; clay 5; blue sandy clay 17. Water at 10.
Con X	" 17	J. McGrath	June 3	36			27	"	D											Sandy loam 1; sub soil 3; sand 8; clay stones 16; hard clay 31; sand clay 36. Water at 16 and 31.
Cavan Twp.																				
Con II	lot 8	D. Armstrong	Sep. 2	6	10	130	70	Fresh	D, S											Old well 24; sand 140; sandy gravel 148. Water at 148.
Con II	" 23	W. Gilles	Mar. 9	6	10	58	50	"	D, S											Sand clay 140; sand gravel 160. Water at 159.
Con II	" 23	A. Watt	Nov. 18	6	20	34	20	"	D, S											Top soil 1; brown clay stones 20; brown sand 50; sand gravel 54. Water from 50 to 54.
Con III	" 14	D. Graham	Feb. 23	5	4	300	120	"	D, S											Top soil 2; grey clay 316; grey sand 320. Water at 320.
Con III	" 17	A. Hutchinson	Oct. 16	6	10	138	120	"	D, S											Top soil 1; sandy brown clay 15; light sand 68; gravel 120; light sand pebbles 142; sand gravel 153. Water from 148 to 153.
Con IV	" 18	C. J. Curtis	June 18	6	4	35	20	"	D											Top soil 1; brown clay stones 25; grey clay pebbles 37; gravel 39. Water from 37 to 39.
Con IV	" 19	G. Larmer	Feb. 13	6	10	35	35	"	D											Old well 35; clay stones 20; blue clay 76; gravel 78. Water at 65.
Con V	" 22	J. Kinsman	July 27	6	3	70	30	"	D											Top soil 2; clay stones 40; gravel 42. Water at 42.
Con V	" 22	J. Gray	July 18	6	8	32	6	"	D											Top soil 2; clay stones 40; gravel 42. Water at 42.
Con V	" 22	R. Richards	July 28	6	4	48	12	"	D											Top soil 2; clay stones 48; limestone 54. Water at 54.
Con V	" 22	R. Milligan	Oct. 10	6	10	35	20	"	D											Top soil 2; clay stones 45; limestone 48. Water at 48.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - INCHES	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DURHAM COUNTY - cont.										
Cavan Twp. - cont.										
Con VI	R. Kunitball	Wm. Sanderson	Oct. 9	6	5	70	20	Sulphur	D	Top soil 2; clay 77; limestone 80. Water at 80.
Con IX	W. Newell	R. Walsh	July 18	6	15	32	22	Fresh	D	Top soil 1; brown clay 40; blue clay 71; coarse gravel 72. Water at 72.
Con IX	D. Hill	"	July 13	6	2	85	4	"	S	Black soil 3; blue clay 81; limestone 100. Water at 99.
Con IX	G. W. Clarke	"	July 7	7	3	35	15	"	D, S	Top soil 1; brown clay 28; blue clay 55. Water at 55.
Con X	A. Morton	Stockdale Well Drilling	Mar. 28	7	33	100	57	"	D, S	Old well 68; grey clay 78; sand gravel 83; blue clay 150; grey clay 170; sand 187. Water from 170 to 187.
Con XI	H. Seney	N. N. Faulkner	May 4	6				"	N	Top soil 1; brown clay sand 30; sand clay 150; grey clay sand 170.
Con XI	B. Edgerton	Wm. Sanderson	Sep. 1	6	10	70	27	Fresh	D	Old well 27; clay stones 80; sandy gravel 87. Water at 87.
Con XII	F. Northey	"	Nov. 3	6	8	60	4	"	D	Top soil 2; clay stones 12; sand 63; sandy gravel 67. Water at 67.
Con XIII	H. Bland	N. N. Faulkner	Dec. 29	6	4	70	40	"	D, S	Old well 47; grey clay stones 90; gravel clay 100. Water from 90 to 100.
Con XIV	S. Jackson	"	Aug. 28	6	25	40	30	"	D, S	Old well 35; sand 55; sandy gravel 63; gravel 64. Water at 64.
Clarke Twp.										
Con B	L. Atchison	Hoskin Bros.	June 23	36			18	Fresh	D	Clay loam 1; sub soil 2; stony clay 11; stony blue clay 26; gravel clay 27; hardpan 31. Water at 26.
Con I	J. W. Besch	Summers & Son	June 11	6	50	70	11	"	D, S	Top soil 3; white sand gravel 81. Water at 80.
Con I	Ont. Dept. of Highways	"	Dec. 10	6	10	20	Flows	"	C	Top soil 5; hardpan 121. Water at 120.
Con I	J. Dost	N. N. Faulkner	July 20	6	1	123	35	"	D	Top soil 1; light brown sand 45; grey sand stones 90; grey clay pebbles 127. Water from 94 to 127.
Con II	C. Stapleton	J. W. Summers	Jan. 7	6				"	N	Brown clay stones 7; blue clay boulders 80.
Con II	"	"	Feb. 8	6				"	N	Brown clay stones 7; blue clay boulders 135.
Con II	"	"	Mar. 25	6				"	N	Brown clay stones 7; blue clay boulders 55.
Con II	"	N. N. Faulkner	Sep. 15	6	4	294	100	Salty	N	Top soil 1; brown sandy clay 20; grey clay 160; grey sand 294; grey limestone 304. Water at 304.
Con II	"	"	Oct. 7	6	4	294	120	Fresh	D, S	Top soil 1; brown sand clay 15; grey clay 170; grey sand clay 301; grey limestone 304. Water from 301 to 304.
Con III	L. Webb	Hoskin Bros.	Feb. 14	36			17	"	S	Sandy loam 2; sub soil 3; grey clay stones 17; sand 26. Water at 17.
Con III	Vigor Oil Co.	N. N. Faulkner	Oct. 29	6	1	142	33	"	C	Top soil 1; brown clay stones 6; grey clay stones 21; grey clay gravel 26; grey clay stones 102; limestone 144. Water from 102 to 106.
Con III	B. A. Oil	"	Nov. 14	6	10	76	18	"	C	Top soil 1; grey clay stones 18; grey sandy clay stones 33; grey clay stones 96; gravel 97. Water from 96 to 97.
Con IV	W. Wood	Hoskin Bros.	Aug. 14	36			4	"	D, S	Black soil 1; sub soil 3; sand 12. Water at 3.
Con IV	F. Leo	N. N. Faulkner	Mar. 17	6	8	85	30	"	D	Top soil 1; brown sandy clay 18; grey clay 118; gravel 120. Water at 120.
Con IV	A. Hall	"	Apr. 3	6	4	134	35	"	D	Top soil 1; sand pebbles 55; sandy grey clay 130; shale limestone sand gravel 142. Water at 142.
Con IV	J. Debcowski	W. Ward	Dec. 7	30	100		8	"	P	Brown clay 10; sandy clay 12; fine gravel 20. Water at 18.
Con IV	"	"	Dec. 8	30	100		10	"	P	Brown clay 10; sandy clay 12; fine gravel 20. Water at 18.
Con V	H. Kallarmier	N. N. Faulkner	Sep. 17	6	3	89	10	"	D	Top soil 2; stones gravel clay 26; grey clay gravel 96; gravel 97. Water at 97.
Con V	G. Stephens	J. W. Summers	May 23	6	10	34	19	"	D	Sand 22; blue clay stones 113; gravel 116. Water at 116.
Con V	W. P. Firwin	N. N. Faulkner	June 10	6	17	22	8	"	P	Top soil 1; brown sand 15; dark sand pebbles 85; grey clay 116. Water from 50 to 116.
Con V	C. L. Powers	"	Mar. 28	6	8	90	40	"	D	Old well 42; brown sand 96; grey sand clay 150; gravel 151. Water at 151.
Con V	B. Haas	L & G Hoskin	Nov. 23	36	0		10	"	D	Sandy loam 1; sub soil 3; clay 10; stony clay 14; gravel 15; stony blue clay 44; gravel 45; hardpan 55. Water at 14 and 44.



DURHAM COUNTY- cont.

Clarke Twp. - cont.

Con VII	lot 22	R. Foster E. Jeaman	N.N.Faulkner	Apr. 15 Feb. 2	6	10	30 76	Flows 20	Fresh	D	Top soil 1; clay sand 80; sand 130; gravel 132. Water at 132.
Con VII	"	"	"	"	6	2	"	"	"	D	Top soil 1; light sand 28; grey clay 32; light sand 40; blue clay 77; sand gravel 82. Water from 77 to 82.
Con VIII	"	A. Jann	"	Feb. 21	6	16	110	70	"	D.S	Top soil 2; sandy brown clay 43; light sand 146; dark sand pebbles 172; gravel 175. Water at 175.
Con VIII	"	School S.#15	"	July 25	6	14	36	20	"	P	Old well 24; light sand pebbles 52; gravel 56. Water at 56.
Con VIII	"	S. Ball	"	Apr. 14	6	8	90	80	"	D.S	Top soil 2; brown clay sand 40; light brown sand 60; brown sand pebbles 156; gravel 158. Water at 158.
Darlington Twp.											
Bf	lot 4	C.W. Downey	N.N.Faulkner	Apr. 17	6	8	54	20	Fresh	D.S	Old well 21; brown sand pebbles 72; gravel 74. Water at 74.
Con I	"	Wm. Cameron	Hoskin Bros.	Oct. 16	36	9	"	4	"	D	Brown clay 3; brown sandy clay 9; blue clay 16; gravel blue clay 18; blue clay 20. Water from 16 to 18.
Con I	"	Courtice	N.N.Faulkner	June 5	6	8	35	8	"	P	Top soil 1; sand pebbles 35; dark sand pebbles 50; grey sand clay 140. Water from 35 to 40.
Con I	"	H. Worden	Hoskin Bros.	Dec. 10	36	1	"	9	"	D.S	Clay loam 1; sub soil 3; stony brown clay 8; stony blue clay 17; layers of gravel blue clay 25. Water at 17.
Con II	"	W. Mouday	N.N.Faulkner	Dec. 30	6	2	124	28	"	D.S	Old well 24; grey clay 60; grey sand clay 102; grey clay 119; brown limestone 130. Water from 119 to 130.
Con II	"	S. Ewes	Hoskin Bros.	Jan. 2	36	"	"	17	"	D	Fill 2; sandy loam 3; silty soil 5; stony clay 9; gravel 14; sand 20. Water at 14.
Con II	"	D.E. Sapko	N.N.Faulkner	Sep. 7	6	10	40	8	"	C	Top soil 2; stones gravel clay 45; sand gravel 49; gravel 50. Water at 50.
Con II	"	W. Bothwell	Hoskin Bros.	Oct. 14	36	4	"	18	"	D	Brown clay fill 4; sandy brown clay 18; gravel 21; blue clay stones 25. Water at 18.
Con II	"	A. Jackson	"	July 14	36	"	"	34	"	D	Clay loam 1; sub soil 3; grey clay 14; blue clay 37. Water at 9.
Con II	"	J. Litouchin	"	Apr. 20	36	7	"	"	"	D	Sandy loam 1; sub soil 2; sand 5; clay 12; sandy clay 18. Water at 12.
Con II	"	G. Goodall	"	Mar. 12	36	"	"	18	"	D	Sandy loam 1; sub soil 2; sand 7; blue clay 14; soft blue clay 23; gravelly clay 25. Water at 23.
Con II	"	Durham High School Area	"	Nov. 12	8	10	34	5	"	P	Top soil 1; light brown sand 32; dark sand gravel 44. Water from 34 to 44.
Con II	"	"	"	Nov. 20	10	"	"	"	"	T	Top soil 1; light brown sand clay 25; sandy grey clay 44; fine brown sand 60; grey clay 100.
Con II	"	"	"	Nov. 27	6	"	"	"	"	T	Top soil 1; light brown sand 20; fine brown sand 80.
Con II	"	"	"	Dec. 7	6	"	"	"	"	T	Top soil 1; fine brown sand 40; sandy grey clay 50.
Con II	"	"	"	Dec. 9	6	"	"	"	"	T	Top soil 1; fine brown sand 15; grey clay 60.
Con II	"	"	"	Dec. 10	6	"	"	"	"	T	Top soil 1; sandy grey clay 50.
Con II	"	M. Zackanowich	G. Fulton	Jan. 15	30	"	"	7	Fresh	P	Brown clay 15; coarse sand 16. Water at 16.
Con II	"	Kingston Rd	"	Aug. 7	4	5	38	6	"	P	Brown clay 12; brown clay boulders 38; gravel blue clay 58. Water from 38 to 58.
Con II	"	Bowling Alley	"	"	"	"	"	"	"	D	Dug 17; blue clay boulders 40; gravel 57. Water from 20 to 22 and at 57.
Con II	"	E.J. Wilson	"	Nov. 2	30	1	57	11	"	D	Dug 19; quicksand 30; stony blue clay 60; gravel 71 to 72. Water at 30 and 72.
Con III	"	G.B. Robinson	G. Fulton	Aug. 27	30	1	6	6	"	D	Sandy loam 1; sub soil 3; sand 6; stony clay 25; sand 30. Water at 25.
Con III	"	D.P. Branton	Hoskin Bros.	Dec. 3	36	3	"	6	"	D	Black clay loam 1; sub soil 2; sandy clay 9; clay 17; sandy clay 25; hardpan 27. Water at 17.
Con III	"	J. Ewies	"	May 5	36	"	"	12	"	D	Clay loam 1; sub soil 2; clay sand 13; stony blue clay 21; sand 22; clay 26. Water at 13 and 21.
Con III	"	D. Solomazak	"	May 23	36	"	"	9	"	D	Dug 25; sand 57; blue clay 60. Water at 57.
Con III	"	Oshawa Missio-nary College	G. Fulton	Sep. 24	30	1	57	20	"	D	Dug 19; blue clay 56; cemented gravel 60; blue clay 160; gravel gas oil slick layers of shale 162. Dry hole.
Con III	"	G.H. Walters	"	Oct. 18	4	"	"	"	"	D	Old well 25; light sand clay 40; dark sand pebbles 125; gravel 128. Water at 128.
Con IV	"	D.W. Hindman	N.N.Faulkner	Feb. 28	6	16	60	20	Fresh	D.S	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DURHAM COUNTY- cont.										
Darlington Twp. cont. Con IV	T. Farmer	Hoskin Bros.	Jan. 16	36			9	Fresh	D	Sand loam 1;sub soil 2;clay 8;sand 12;clay hardpan 14. Water at 8.
Con IV	A. Peeling	N. N. Faulkner	Mar. 29	6	8	80	40	"	D	Old well 30;sandy grey clay 203;gravel 205. Water at 205. Top soil 4;blue clay gravel 195. Dry hole.
Con IV	B. Fols	B. Summers	May 9	6				"	D	Clay loam 1;sub soil 2;sandy clay 8;stony gravel 10;blue clay 17;sand 21. Water at 8 and 17.
Con IV	J. Reed	Hoskin Bros.	July 20	36			14	"	D	Old well 33;fine brown sand 65;grey clay 168;gravel 170. Water at 170.
Con IV	P. Roberts	N. N. Faulkner	Nov. 2	6	16	50	15	"	D	Top soil 1;sand brown clay 30;sandy grey clay stones 150; light brown sand pebbles 225;gravel 228. Water at 228.
Con IV	D. Heard	"	July 3	6	8	60	Flows	"	D	Sandy loam 1;sub soil 3;sandy gravel 6;clay 7. Water at 4.
Con V	M. L. Johns	Hoskin Bros.	Aug. 8	36			1	"	D	Top soil 1;light brown sand 20;grey clay 82;dark sand pebbles 110;gravel 115. Water at 115.
Con V	C. Terrill	N. N. Faulkner	June 22	6	8	85	2	"	D	Old well 12;brown sand gravel 26. Water at 26.
Con V	R. Stainton	"	Mar. 11	6	8	18	8	"	D	Top soil 1;brown clay 25;grey clay 70;fine brown sand 113; gravel 114. Water at 114.
Con VI	R. Glaspeil	"	Dec. 18	6	16	70	50	"	D,S	Sand loam 1;sub soil 2;sand 5;gravel 6;clay 7. Water at 5.
Con VI	Bell Telephone	Hoskin Bros.	Mar. 28	36			4	"	D	Clay loam 1;sub soil 3;clay sand 14;hardpan 19;sandy clay 21;hardpan 33;stony clay 39. Water at 19, 33 and 35.
Con VI	R. Lee	"	May 9	36			16	"	D	Brown clay 3;brown sandy clay 10;stony clay 14;blue clay 22. Water at 14 and 22.
Con VII	S. Carr	"	Oct. 12	36	4		15	"	D	Brown clay 23;hard blue clay boulders 30;coarse gravel 32. Water from 30 to 32.
Con VII	W. Ferguson	G. Fulton	Aug. 27	30	7		17	"	D	Old well 57;sandy fine gravel 85;fine sand 93;gravel 94. Water at 94.
Con X	Burketon School	N. N. Faulkner	Mar. 18	6	17	60	57	"	P	Pit 7;drilled by Faulkner 40;limestone 100. Water at 40. Top soil 1;sandy brown clay 15;fine sand 70;sandy grey clay 110;gravel 111. Water at 111.
Hone Twp. Con I	H. Coleman	R. Halford	Sep. 24	6	3	40	30	Fresh	D	Top soil 1;brown hardpan 26;gravelly blue clay 57;fine sand 58. Water at 58.
Con I	S. #1	N. N. Faulkner	Oct. 9	6	4	103	50	"	P	Dug 20;blue clay 41;limestone shale 90. Water from 41 to 90. Top soil 5;clay gravel 50;blue quicksand 207. Dry hole.
Con II	D. Parberry	Walsh Well Drilling	May 13	7	1	42	5	"	D	Top soil 5;blue clay gravel 47;quicksand 48. Dry hole.
Con II	L. Forrester	"	Aug. 26	7	1	90	20	"	D	Top soil 5;blue clay gravel 45;quicksand 46. Dry hole.
Con II	Ont. Dept. of Highways	B. Summers	Nov. 30	6				"	T	Top soil 1;light brown sand 10;grey clay 53;grey limestone 60. Water from 55 to 60.
Con II	"	"	Dec. 1	6				"	T	Soil 1;brown clay 15;grey clay 42;sand stones clay 68;gravel 70. Water at 70.
Con II	"	N. N. Faulkner	July 23	6	6	45	8	Fresh	T,S	Top soil 2;clay stones 18;blue clay 62;sandy gravel 63. Water at 63.
Con III	Dr. C. W. Harris	N. N. Faulkner	Oct. 15	6	16	48	12	"	D,S	Top soil 1;brown clay stones 15;grey clay stone 75;limestone 100. Water from 75 to 100.
Con III	P. M. Hoskin	N. N. Faulkner	Dec. 3	6	5	55	20	"	P	Old well 34;grey clay sand 65;grey clay 73;limestone 119. Water from 100 to 119.
Con III	Bunker Hill School	Wm. Sanderson	Jan. 7	6	5	90	10	"	D,S	Old well 26;silty coarse sand 49;blue clay 51;sand 52. Water at 52.
Con IV	V. Massey	N. N. Faulkner	Jan. 7	6	4	100	35	"	D	Top soil 1;brown clay stones 15;grey clay stones 216;gravel 218. Water from 216 to 218.
Con V	"	"	May 20	7	6	30	10	"	D	Old well 28;grey clay 60;light sand pebbles 120;sand grey clay 235;dark sand pebbles 243;gravel 244. Water at 244.
Con V	A. Chislett	Walsh Well Drilling	Jan. 16	6	8	150	60	"	D,S	Top soil 3;sand clay 70;sand gravel 79. Water at 78. Water at 78.
Con VI	Z. Bristow	N. N. Faulkner	Jan. 28	6	16	150	120	"	D,S	
Con VII	M. McAllister	"	Mar. 5	6	20	20	20	"	D	
Con VIII	J. C. Coolidge	Wm. Sanderson								

DURHAM COUNTY—cont.

Hope Twp. cont. Con VIII Con VIII	lot 7 " 21	J. Orrill M. Bienias	Oct. 19 Sep. 16	6 6	12 5	38 63	36 18	Fresh "	D, S D	Top soil 1; brown clay 15; grey clay 50; gravel 52. Water at 52. Brown clay 3; blue clay stones 73; coarse sand 73. Water at 73.
Manvers Twp. Con II	lot 12	E. Bernstein	June 24	6	12	28	16	Fresh	D	Top soil 1; brown clay sand 15; brown sand 32; brown coarse sand 56; brown coarse sand pebbles 66; gravel 71. Water from 69 to 71.
Con III	" 11	A. Hennick	July 16	6	10	20	20	"	N	Dug 28; sand 247. Water at 80.
Con IV	" 19	C. Arque	Oct. 26	6	8	58	50	"	D, S	Old well 34; sand gravel 76. Water at 76.
Con V	" 12	L. A. Fallis	Oct. 16	6	8	58	50	"	D, S	Top soil 2; clay stones 160; quicksand 300; blue clay 370; quicksand 420; blue clay 495; clay stones 500.
Con VI	" 20	School B. #3	Aug. 7	6	8	100	85	Fresh	P	Top soil 1; sand stones gravel 45; light brown sand clay 75; light brown sand 22; gravel 225. Water at 225.
Con IX	" 11	R. Strong	Nov. 28	36	2		39	"	D	Clay loam 1; sub soil 2; sandy clay 23; gravel clay 45; gravel 51. Water at 45.
Con IX	" 19	P. Sarginson	Jan. 13	5	2	92	30	"	D, S	Dug 17; clay gravel 92. Water at 92.
Con XII	" 12	A. Heaslip	Feb. 10	6	3	106	28	"	D, S	Dug 36; sand 95; blue clay 106. Water at 48.
Con XII	" 14	B. Shea	Nov. 9	6	10	40	30	"	D, S	Dug 20; blue clay fine gravel 40; fine sand 87. Water at 40.
Con XII	" 16	M. Shea	Dec. 1	6	10	70	40	"	D, S	Dug 40; grey clay sand 120; coarse sand gravel 130. Water at 130.
Con XIV	" 1	P. C. Lawrie	May 28	6	8	51	51	"	D, S	Top soil 2; yellow clay 14; grey clay stones 60; coarse sand gravel 81. Water at 81.
Con XIV	" 1	J. A. Brown	Aug. 8	6	20	2	2	"	D	Top soil 2; sand 35; clay stones 48; coarse gravel 50. Water at 50.
Con XIV	" 1	R. Iethbridge	Aug. 10	6	3		Flows	"	D	Top soil 2; grey clay 28; gravel 32. Water at 32.
Con XIV	" 1	G. Nixon	Aug. 19	6	4	70	20	"	D	Top soil 2; yellow clay 20; yellow sand 42; blue clay 97; fine sand 98; coarse gravel clay 100. Water from 98 to 100.
Con XIV	" 1	C. Cartwright	Aug. 21	6	6	20	20	"	D	Top soil 2; clay stones 30; coarse sand 48; coarse gravel 51. Water at 51.
Con XIV	" 1	F. West	Aug. 25	6	4	34	34	"	D	Dug 20; yellow clay 40; yellow sand 70; coarse gravel 74. Water from 70 to 74.
Con XIV	" 16	D. Hickson	Dec. 2	6	6	22	18	"	D, S	Dug 23; clay stones 45; coarse gravel 48. Water at 48.
Millbrook		N. N. Faulkner	Jan. 13	6	8	10	4	Fresh	D	Top soil 2; sandy brown clay 12; grey clay 44; brown sand pebbles 91; sandy grey clay 138; gravel 140. Water at 140.
Millbrook		Wm. Sanderson	Aug. 17	6	40	40	12	"	D	Top soil 2; clay stones 18; blue clay 88; gravel 90. Water at 90.
Millbrook		J. E. Rowland	Sep. 9	6	40	30	8	"	D	Top soil 2; clay stones 20; blue clay 98; gravel 100. Water at 100.
Millbrook		G. Reynolds	Oct. 22	6	12	40	Flows	"	D	Top soil 1; light brown sand clay 20; grey clay 65; sandy grey clay 137; gravel 144. Water at 144.
Newcastle		C. C. Love	July 13	6	12	23	5	Fresh	D	Old well 22; grey clay pebbles 37; gravel 38. Water from 37/38.
Newcastle		R. Wagar	Aug. 12	6	8	40	30	"	D	Fill 3; sandy brown clay 15; sandy grey clay 53; sand gravel 70; Water at 70.
Newcastle		B-A Oil Co	Aug. 15	5	10	60	18	Fresh	C	Old well 85; limestone 115. Dry hole.
Newcastle		"	Aug. 20	5	10	60	18	"	C	Top soil 1; brown clay 15; grey clay sand stones 20; grey clay sand gravel 65; limestone 77. Water from 70 to 77.
Newcastle		Newcastle	Oct. 11	8	100	13	6	"	T	Top soil 1; brown clay stones 10; soft grey clay 17; gravel 25; grey clay 38; grey clay pebbles 39; gravel 50; sand grey clay 53; limestone 66. Water from 17 to 35, from 39 to 50 and 58.
Newcastle		"	Oct. 20	10	150	27	6	"	P	Top soil 1; brown clay stones 10; soft grey clay 17; gravel 25; grey clay 38; grey clay pebbles 39; gravel 50. Water from 17 to 25, from 39 to 50.
Newcastle		"	Nov. 6	6	10	21	10	"	D	Top soil 1; brown clay 15; grey clay 30; gravel 31. Water at 31.
Newcastle		G. Bonatham	Dec. 21	6	16	44	15	"	D	Old well 16; grey clay 50; light brown sand pebbles 65; gravel 69. Water at 69.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST LEVEL	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY Aldborough Twp Con IX	lot 6 A. Knight	R. McGaffey	Oct. 1	4	4	60	30	Fresh	D, S	Blue clay 183; red clay 193; sand gravel silt 200; hardpan 250. Water from 193 to 200.
" 14 " 13	G. Wardell W. Blain	W. Newport	Sep. 15 Oct. 13	3 4	2 25	70 140	52 37	"	D D, S	Sand 4; clay 8; sand 100; clay stones 150; gravel 152; water 152. Sand 18; clay 127; gravel 131; clay 136. Water at 142.
Bayham Twp. Con III Con IV Con V	lot 16 " 14 " 15 A. Goethals P. Adler J. Vaysteke	W. E. Locker " " J. H. Weaver & Son	Sep. 16 Apr. 27 June 10	1 1 1	3 4 13		7 11 6	Fresh " "	D D D	Brown sand 3; yellow sand 9; sand 21. Water at 9. Yellow sand 9; blue clay 17; sand 24. Water at 24. Top soil 1; yellow sand 6; brown quicksand 9; grey quicksand 20. Water at 6.
Con IV	" 22 S. Nezezen	W. E. Locker	Nov. 25	5			100	Sulphur Salty	N	Brown 268. Water at 268.
Con V	" 18 T. Herman	" "	May 26	1	3		7	Fresh	D	Brown sand 2; yellow sand 11; sand 17. Water at 11.
Con V	" 23 B. Ratz	" "	Aug. 10	1	3		7	Fresh	D	Yellow sand 2; fine grey sand 14. Water at 7.
Con V	" 27 J. Nemeth	G. Warren	Aug. 28	5	5	60	16	"	D, S	Yellow sand 15; grey clay 33; putty sand 76; sand 86. Water from 76 to 86.
Con V	" 27 "	" "	Sep. 3	5	7	70	16	"	D, S	Yellow sand 15; grey clay 30; putty sand 70; clay 85; sand 100. Water from 85 to 100.
Con VIII	" 14 D. Shearer	" "	July 22	4	5	110	85	"	D	Water from 85 to 100.
Con VIII	" 16 T. Ridgwell	" "	Nov. 14	5	2	88	72	"	D	Water 76; sand 90; grey clay 110; sand 123. Water from 110 to 123.
Con VIII	" 21 C. Cowan	" "	Nov. 9	5	5	87	65	"	D, S	Yellow sand 12; grey clay 50; clay pebbles 60; putty sand 90; sand 91. Water from 90 to 93.
Con VIII	" 22 O. Davis	" "	Mar. 19	5	3	96	56	"	D	Yellow sand 12; grey clay 46; yellow sand 65; putty sand 95; sand 104. Water from 95 to 104.
Con VIII	" 25 Eden Lumber	" "	May 21	5	5	84	75	"	D	Yellow clay 12; grey clay 82; putty sand 90; fine sand 106. Water from 90 to 106.
Con IX	" 9 J. Dewaele	S. DeGroat	Oct. 14	1	5		16	"	D	Yellow clay 16; grey clay pebbles 35; yellow sand 78; sand 101. Water from 78 to 101.
Con X	" 23 T. C. Irman	G. Warren	Oct. 14	5	8	84	28	"	D	Dar. sand 1; hard clay 6; sand 21. Water at 16.
Con XI	" 17 R. Beckett	R. Hodgson	Apr. 18	4	6	34	47	"	D	Clay 30; sand 80; clay 80; sand 97. Water from 80 to 97.
" 15 Elliot/Son	" 15 Elliot/Son	G. Warren	May 25	5	5	52		"	D, S	Clay 6; sand 38; coarse sand 44. Water from 38 to 44.
S G TRN	" 28 J. Jounelka	W. E. Locker	May 29	1	3		25	"	D	Yellow clay stones 22; grey clay pebbles 42; dry sand 48; sand 70. Water from 48 to 70.
TRN	" 116 G. Balaises	G. Warren	July 3	5				Salty Sulphur	N	Well 16; sand fine gravel 25; medium sand 32. Water at 25.
TRN	" 125 A. DeMaere	J. H. Weaver & Son	Oct. 3	1	8		21	Fresh	D	Clay stones 40; yellow sand 86; putty sand 120; soft grey clay 180; clay sand 220; clay 274; shelly rock 275.
TRN	" 125 J. L. Dennis	W. Burwell	Oct. 19	1	6	25	25	"	D	Top soil 1; yellow sand 5; white sand 7; brown hardpan 13; white sand 21; light grey quicksand 31. Water at 21.
TRN	" 125 Elgin Co-op	J. H. Weaver & Son	Nov. 24	1	8		21	"	C	Silty sand 15; blue clay 17; fine sand changing to coarse sand 38. Water at 25.
TRN	" 127 R. DeClercq	W. E. Locker	Feb. 17	5	10	120	100	Sulphur	D, S	Top soil 1; yellow sand 4; brown clay 12; white sand 21; brown sand 25; blue clay 26; blue quicksand 32. Water at 21.
TRN	" 125 O. Soper	J. H. Weaver & Son	June 11	1	8		8	Fresh	D	Brown sand 30; blue clay 40; grey sand 52; blue clay 110; putty sand 145; clay 151; putty sand 176; blue clay 200; boulders 205; hardpan clay 228; fine gravel 233. Water from 228 to 233.
TRN	" 131 J. Jamers	J. H. Weaver & Son	June 9	1	5		9	"	D, S	Top soil 1; yellow sand 4; white sand 8; brown sand 15; grey sand 22. Water at 8.
Dunwich Twp. Con VII	lot 19 O. Brooker	L. Marcus	Aug. 15	4	5	130	70	Fresh	D, S	Top soil 1; yellow sand 5; white sand 9; brown quicksand 11; blue clay 17; blue quicksand.
Malahide Twp. Con II	lot 3 A. B. Stokind	E. Hoover & Sons	Apr. 21	7						Dark blue clay 1; blue clay 255. Water at 255.



ELGIN COUNTY- cont.

Malahide Twp. cont.				VanDecapelle				E. Hoover & Sons				Fresh				D, S				Top soil 2; fine sand 4; clay sand 20; putty sand 23; sand gravel 85; clay 135. Dry hole. 65; sand 67. Water at 67.			
Con III	lot 10			P. Hayman				"				30								Top soil 3; yellow sand 40; clay yellow 50; putty sand 75; Black loam 105. Water from 75 to 105.			
Con IV	"	11		H. Howe				W. E. Locker				45								Quick sand 105. Water from 75 to 105.			
Con V	"	13		R. Strabbe				J. H. Weaver & Son				45								Open well 50; fine blue clay 89. Water at 55.			
Con VIII	"	11		E. Ward				E. Hoover & Sons				30								Top soil 4; blue clay 95; gravel 96. Water at 96.			
Con VIII	"	19		E. Carroll				W. L. McBeth				42								Red clay sand 10; blue clay stones 30; sand 60; hardpan 63. Water at 63.			
Con X	"	22		Brooks Bros.				G. Warren				11								Open hole 11; clay pebbles 22; sand gravel 35. Water from 30 to 35.			
Con X	"	22		H. Ross				E. Hoover & Sons				25								Top soil 3; red clay 20; blue clay 98; sand 100. Water at 100.			
TRN	"	105		A. Benner				"				90								Top soil 2; red clay 30; blue clay 80; fine sand 90; blue clay 135; coarse sand 140. Water at 140.			
TRS	"	74		P. Gillett				"				40								Top soil 2; clay 70; gravel 71. Water at 71.			
TRS	"	78		D. Teall				"				35								Top soil 3; blue clay 44; sand 48. Water at 44.			
TRS	"	78		A. Brass				"				35								Top soil 2; red clay 20; blue clay 54; sand 55. Water at 55.			
South Dorchester Twp.																							
Con VII	lot 5			A. Lyons				W. L. McBeth				13								Red clay 10; clay 50; gravel boulders 90; hardpan 92. Water at 92.			
Con VII	"	12		F. Coleman				E. Hoover & Sons				25								Top soil 3; blue clay 26; putty sand 28; blue clay 102; sand gravel 113; sand 114. Water at 113.			
Con VIII	"	8		V. Shackleton				"				60								Top soil 3; clay 85; gravel 86. Water at 86.			
Con IX	"	18		C. Hooker				C. Warren				100								Clay 88; clay gravel sand 142; sand 183; gravel 195. Water at 187.			
Con XI	"	8		P. Moore				G. Warren				40								Yellow clay 14; grey clay stones 34; putty sand gravel 55; fine gravel 70. Water from 68 to 70.			
Con XI	"	12		P. McCallum				E. Hoover & Sons				62								Top soil 4; blue clay 90; putty sand 130; sand gravel 150; blue clay 180; sand 183. Water at 180.			
Con XII	"	4		T. Starkey				G. Warren				26								Open well 14; clay sand 20; clay stones 70; putty sand 120; clay pebbles 160; putty sand 190; gravel 208. Water from 207 to 208.			
Con XII	"	14		T. Hermesen				E. Hoover & Sons				40								Top soil 2; red clay 20; blue clay 130; putty sand 140; blue clay 160; gravel 162. Water at 162.			
Con XII	"	21		Church of Christ				Wm. Dale				95								Hardpan 11; blue clay 50; hardpan 68; clay gravel 86; sandy clay 135; gravel clay 164; blue clay 181; hardpan 187; clay gravel 231; gravel 233.			
Con XII	"	21		"				"				66								Hardpan 13; blue clay 49; hardpan 64; clay gravel 80; sandy clay 97; blue clay 143; clay gravel 166; sand 168.			
Southwold Twp.																							
Con B	lot 1			R. Shore				Wm. Dale				32								Brown clay 12; blue clay 27; sandy clay 64; blue clay 91; clay gravel 110; gravel 115. Water at 110.			
Con III	"	12		School S. #17				C. Warren				40								Blue mud 273; muddy gravel 280. Water from 273 to 280.			
THE BNS	"	28		H. Butler				"				26								Clay 204; sand gravel 208; gravel 210. Water at 208.			
THE BNS	"	33		E. M. Duff				H. Stewart				60								Black clay 4; brown clay 20; blue clay 160; gravel clay 168; gravel 178; blue clay 298; fine sand 300; dark hard rock 325. Water at 320.			
THE BSS	"	40		D. Binks				"				110								Clay 90; clay fine sand 149; gravel 150. Water at 149.			
THE BSS	"	42		J. Lindsay				F. Reicheld				80								Top soil 2; brown clay 35; blue clay 40; yellow clay 56; hardpan gravel 137; gravel 158. Water from 137 to 158.			
THE BSS	"	42		"				C. Warren				92								Clay 155; sandy clay 170; clay 187; sand 194. Water at 187.			
TRN BES	"	42		S. Ogeama				Wm. Dale				140								Clay 8; clay sand 16; brown clay 41; blue clay 58; stony clay 64; blue clay 89; clay gravel 121; blue clay 165; gravel 170. Water 165.			

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Southwold Twp. cont. TEN BNS lot 4	S. Brown	C. Warren	Sep. 28	5			30	Sulphur	N	Blue clay 274; dirty gravel 280. Water from 274 to 280.
Springfield	G. Young	G. Warren	May 4	5	8	52	42	Fresh	D	Yellow clay 12; grey clay 30; clay gravel 104; gravel 107. Water at 105.
Springfield	L. Holtby	"	May 6	5	6	40	34	"	D	Open hole 15; clay stones 34; gravel 40; clay stones 101; gravel 105. Water from 101 to 105.
Springfield	H. Chambers	"	June 11	5	6	26	19	"	D	Clay stones 32; sand gravel 44. Water from 40 to 44.
Springfield	W. Boughner	E. Hoover & Sons	July 10	5	10	30	20	"	D	Top soil 3; blue clay 64; sand gravel 65. Water at 65.
Springfield	R. McClintock	G. Warren	Aug. 1	5	5	39	19	"	D	Clay 22; clay stones 40; gravel 45. Water from 40 to 45.
Springfield	W. Boughner	E. Hoover & Sons	Sep. 3	5	5	50	45	"	D	Top soil 3; red clay 12; blue clay 80; fine sand gravel 85; blue clay 100; coarse sand 102. Water at 102.
Springfield	A. McIntyre	G. Warren	Sep. 18	5	5	61	26	"	D	Yellow clay 8; grey clay 25; sand clay gravel 40; grey clay 54; clay stones 105; sand 109. Water from 105 to 109.
Springfield	G. Hoehal	"	Sep. 21	5	10	28	19	"	D	Grey clay 35; gravel 40; grey clay 53; clay gravel 74; gravel 75. Water at 75.
Springfield	E. Wackley	E. Hoover & Sons	Oct. 9	5	5	15	15	"	D	Dug 15; blue clay 64; gravel sand 65. Water at 65.
Springfield	E. Barat	"	Oct. 15	5	4	15	10	"	D	Dug 12; blue clay 44; gravel 45. Water at 45.
Springfield	F. Shively	G. Warren	Nov. 30	5	2	105	32	"	P	Grey clay 35; yellow putty sand 42; hard clay stones 109; sand 125. Water from 109 to 125.
Yarmouth Twp. Con II lot 9	A. Kosynski	F. Reicheld	Nov. 5	2	2	34	15	Fresh	D	Brown dry sand 26; brown wet sand 40; blue sand 46. Water at 26.
Con III " 2	St. Thomas Golf Club	I. Lounsbury	Sep. 1	13	85	120	Flows	"	I	Brown sand 18; blue clay 43; grey sand 70; grey clay 106; hardpan 112; sand 114; hardpan 125; blue clay 190; clay sand 213; sand 222. Water at 213.
Con III " 4	A. Turner	E. Hoover & Sons	July 14	5	4	100	80	"	D	Top soil 2; sand 105; blue clay 185; clay gravel 204; gravel 205. Water at 205.
Con III " 5	A. Kosynski	C. Warren	May 23	4	1000	80	46	"	S	Sand 64; clay 82; clay with sandy streaks 123; clay 150; gravel 155. Water at 150.
Con III " 24	Vandendriessche	"	Apr. 30	5	5	28	21	"	D, S	Sandy loam 20; sand 30. Water at 27.
Con III " 24	H. Martyn	"	June 10	5	200	27	8	"	S	Sandy loam 18; sand 31. Water from 18 to 31.
Con IV " 3	H. Parker	"	Mar. 6	5	123	165	22	"	D	Clay 36; sandy mud 49; clay 118; muddy sand 165; gravel 170. Water from 165 to 170.
Con IV " 3	H. Dollar	"	Oct. 28	5	6	45	16	"	D	Loam 16; sand 29; clay 98; sand clay 128; gravel 130. Water at 128.
Con IV " 4	E. Perry	E. Hoover & Sons	Oct. 31	5	4	10	0	"	D	Top soil 2; red clay 25; blue clay 50; blue clay pebbles 90; sand 94; gravel 95. Water at 95.
Con IV " 4	J. Buckles	"	Nov. 6	5	4	15	6	"	D	Top soil 3; red clay 20; blue clay 56; gravel 97. Water at 97.
Con IV " 5	V. Bodkin	C. Warren	Dec. 18	3	1	59	39	"	D	Sandy loam 10; clay 55; sand 60. Water at 56.
Con IV " 8	H. Watson	"	Nov. 6	5	2		Flows	"	D	Sandy loam 6; clay 50; gravel 54. Water from 53 to 54.
Con IV " 9	Clinton Flower	"	June 26	5	10			"	D	Loam sand 4; clay 30; gravel 32. Water at 30.
Con IV " 12	N. Smith	H. Stewart	Mar. 20	7	5	75	50	"	D, S	Clay 25; fine sand 50; clay 75; clay sand 123; sand 170. Water at 170.
Con V " 3	P. Glorn	E. Hoover & Sons	Apr. 16	4	10	20	15	"	D	Top soil 3; clay 30; clay stones 40; sand 50. Water at 40.
Con V " 4	R. Zawitz	C. Warren	Dec. 14	4	4	25	16	"	D	Loam 6; clay 47; sand 53. Water at 49.
Con V " 8	J. Laliana	L. Reicheld	Nov. 13	7	4	15	6	"	D	Brown clay 23; blue sand 27; blue sand gravel 32; limestone blue sand 36. Water from 27 to 32.
Con V " 12	R. Axford	Wm. Dale	Oct. 20	5	6	83	61	"	D, S	Gravel 27; clay sand 43; silty sand 105; fine sand 119. Water from 115 to 119.
Con V " 17	K & M Cook	R. J. Cook & Assoc.	Nov. 26	5	6	145	125	"	D, S	Dark loamy soil 1; brown sandy soil 4; brown clay 16; grey clay pebbles 80; light sand 84; hard brown clay sand pebbles 144; grey clay 150; hard brown clay sand pebbles 191; quicksand 193; brown clay pebbles 202; quicksand 203; brown clay 213; gravel at 216. Water from 80 to 84, 213 to 216.
Con VI " 3	J. Withenshaw	C. Warren	Dec. 1	3	3	35	21	"	D	Loam 7; clay 43; sand 46. Water at 43.

ELGIN COUNTY. cont.

Farmouth Twp. cont.		School S.#12	R.J.Cook & Assoc.	Aug. 18	5	6	105	80	Fresh	P	Dark loamy soil 3;brown clay 14;grey clay 80;brown clay pebbles sand 127;sand 128;brown clay 140;sand pebbles 144. Water from 127 to 128, 140 to 144.	
Con VII	lot 15											
Con X	" 7	J.Edison	E.Hoover & Sons	Oct. 19	5	5	58	40	"	D,S		
Con X	" 11	E.Faw	W.L.McEeth	Nov. 28	4	5	110	80	Sulphur	D,S		
Con XIV	" 17	R.Taylor	Wm. Dale	Oct. 8	5	8	32	16	Fresh	D,S		
ERS Range I	" 7	G.Dennis	E.Hoover & Sons	Aug. 8	5	10	100	80	"	D,S		
TRN	" 70	H.White	H.Stewart.	Dec. 18	7	3	65	65	"	D		
TRS	" 67	Jandendriessche	E.Hoover & Sons	Nov. 20	5	3	90	80	"	D		
TRS	" 68	O.Hepburn	H.Stewart	Apr. 24	7	6	20	20	"	D		
ESSEX COUNTY												
Anderson Twp.	lot 15	T.Brown	S.A.Hutchins	Aug. 15	3	5	35	30	Fresh	D		
Con I	" 2	L.Bezaud	"	Mar. 28	3	5	15	12	"	D,S		
Con III	" 2	F.Renaud	Lucier Well Drlg.	Aug. 14	3	5	25	20	"	D,S		
Con IV	" 8	Simon Bros.	M.Hernandez & Son	Nov. 10	3	3	45	45	Sulphur	D		
Con VI	" 4	P.Piece Bros.	D.Sundin	Apr. 30	3	5	30	20	Fresh	D,S		
Con VI	" 7	J.Charrette	Hernandez & Sons	Nov. 28	3	10	32	5	"	D,S		
Con VII	" 7	Ridge Valley	Lucier Well Drlg.	June 26	4	8	30	6	"	P		
Con VII	" 7	Golf Course	"	July 25	4	10	50	3	Sulphur	Ir		
Con VII	" 8	J.Zelank	"	July 10	3	8	30	12	"	D,S		
Colchester North Twp.	lot 1	C.Sinasac	L.Levesque	Aug. 5	3	4	23	20	Fresh	D		
Con VII	" 17	A.St.Denis	D.Sundin	May 15	4	5	30	25	"	D,S		
Con VIII	" 8	Maryanovich	Lucier Well Drlg.	Apr. 28	3	10	15	10	"	D		
MEN	" 15	Deliersnyder	L.Sundin	Aug. 31	3	5	30	24	"	D,S		
MES	" 23	A.McCallum	Johnston Bros.	Mar. 28	3	4	40	25	"	D		
MES	" 28	F.Colenutt	J.H.Smith	July 18	3	4	50	30	Sulphur	D,S		
TRS	" 285	D.Horton	J.R.Hicks	Nov. 27	2	4	90	80	"	D		
Colchester South Twp.	lot 11	J.K.McLean	L.Sundin	Nov. 7	2	20		14	Sulphur	D,S		
Con II	" 12	H.Heaton	G.Sundin	Mar. 23	3	20	25	14	Fresh	D		
Con II	" 16	J.Eric	M.Hernandez	May 30	3	7	22	14	"	D		
Con II	" 16	D.W.Grant	L.Sundin	July 2	2	10	15	4	"	D		
Con II	" 17	R.Lavender	M.Abbott	Nov. 4	2	2			"	D		
Con II	" 18	P.Fox	M.Hernandez	Mar. 41	7	30	35	15	"	D		

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY- cont. Colchester South Twp. - cont.										
Con III lot 5	P. Gipkat	M. Hernandez	May 26	3	6	24	17	Fresh	D	Black clay loam 4; red clay 26; grey shale 80; quicksand 98; limestone 117. Water at 117.
Con III " 9	E. Boso	"	Apr. 29	2	6	22	12	"	D	black loam 3; grey clay 56; quicksand 85; hardpan 114; white limestone 126. Water at 126.
Con III " 15	J. P. Boley	M. Abbott	June 16	2	1	30	5	"	D	Yellow clay 30; sand blue clay 52; gravel 53. Water from 52 to 53.
Con III " 16	A. P. Wilson	D. Sundin	Mar. 3	3	5	25	Flows	"	D	Clay 7; fine sand 40; sand gravel 50. Water at 50.
Con III " 19	F. Wright	"	Sep. 19	3	2	40	12	"	D	Clay 40; fine grey sand 81; grey limestone 84. Water at 84.
Con VI " 2	H. Queltette	S. A. Hutchins	Sep. 19	3	4	20	15	"	D	Yellow clay 18; blue clay 84; sand 92; sandstone 100. Water at 99.
FC " 33	A. Arner	D. Sundin	Apr. 4	3	2	25	7	Sulphur	D, S	Dug 20; clay 30; fine sand 70; sand shale 73; grey limestone 75. Water at 75.
FC " 35	F. Connell & Sons	Hernandez, E. M.	Dec. 23	7	12	15	6	"	P	Top soil 1; red clay 52; clay sand 55; loose limestone sand 61; limestone 69. Water at 69.
FC " 43	D. Clement	D. Sundin	May 5	3	15	25	5	"	D	Blue clay 34; hardpan 55; sand gravel 59. Water at 59.
FC " 48	D. Daviolette	Hernandez & Sons	May 26	3	10	8	3	Fresh	D	Dark sand 6; grey clay 50; quicksand 64; sandstone 66. Water at 66.
FC " 51	H. Wright	D. Sundin	Oct. 15	3	15	35	30	"	D	Sandy soil 2; yellow sand 6; grey sand 25; quicksand 35; blue clay 55; quicksand 70; clay sand 129; grey limestone 130. Water at 130.
FC " 53	C. McClelland	Hernandez & Sons	July 28	3	6	60	28	"	D	Yellow sand 3; gravel sand 30; clay 90; hardpan 111; quicksand 121; white limestone 133. Water at 133.
FC " 56	S. Vagie Jr.	D. Sundin	Sep. 12	4				Sulphur		Sand 17; clay 70; clay sand 121; black shale 124; hard grey limestone 144. Dry hole.
FC " 56	"	"	Sep. 14	4	3	100	27	Fresh	D	Sand 17; clay 70; clay sand 121; black shale 124; hard grey limestone 127. Water at 125.
FC " 67	D. Klie	Hernandez & Sons	July 14	8	7	70	25	"	D	Yellow clay 7; grey gravel 30; quicksand 90; hardpan 102; limestone 143. Water at 110.
FC " 69	E. Klie	"	Feb. 10	3	6	38	26	"	D	Black loam 4; fine yellow sand 16; quicksand 25; hardpan 65; quicksand 96; white limestone 106. Water at 106.
FC " 69	J. Maison	"	July 12	3	12	40	31	"	D	Black sand 1; yellow sand 4; grey clay 40; grey sand clay 96; white limestone 103. Water at 103.
FC " 70	H. Treulieb	"	Jan. 8	3	6	38	26	"	D	Black sand 2; brown clay 14; quicksand 35; hardpan 44; grey sand 80; gravel 108; grey limestone 110. Water at 108.
FC " 76	Wm. Woolsey	Lucier Well Drig.	June 1	4	6	65	35	"	D	Top soil 3; red clay 7; stones clay 15; blue clay 50; blue clay sand 100; soft grey rock 112. Water at 112.
FC " 77	J. Tesolin	"	June 15	3	10	20	16	"	D	Top soil 2; red clay 20; blue clay 60; blue clay sand 80; sand gravel 85; soft grey rock 86. Water at 86.
FC " 78	R. Martin	Hernandez & Son	May 6	3	7	32	28	"	D	Yellow sand 3; yellow loam 18; yellow sand 27; quicksand 96; white limestone 104. Water at 104.
FC " 86	H. Hind	E. M. Hernandez	Apr. 25	3	8	24	Flows	"	D	Top soil 1; sand 3; clay 67; loose limestone sand 70; limestone 77. Water at 75.
FC " 86	C. Cunningham	"	Apr. 30	3	5	35	1	"	D	Top soil 1; sand 3; clay 67; loose limestone sand 70; limestone 130. Water at 77 and 95.
FC " 87	F. Wales	D. Sundin	June 15	4	10	20	2	"	D	Clay 69; sand shale 79; grey limestone 92. Water at 82.
FC " 90	L. Fitzgerald	L. Sundin	May 12	2	10	12	5	"	D	Clay 10; stones 15; clay 58; stones 62; bedrock 66. Water at 66.
FC " 90	F. Fithie	"	June 8	2	20	15	15	"	D	Clay 25; stones 35; clay 58; sand 60; grey rock 64. Water at 64.
FC " 90	C. Langlois	Lucier Well Drig.	July 6	3	8	25	8	"	D	Beach sand 8; red clay 20; blue clay 50; sand gravel 60; hard grey rock 68. Water at 68.
FC " 91	G. Marontate	"	Apr. 22	3	20	18	12	"	D	Pit 5; red clay 20; blue clay 40; blue clay sand 65; sand 77; soft grey rock 78. Water at 78.
FC " 92	G. Jints	"	July 1	3	20	14	10	"	D	Top soil 3; yellow clay 18; blue clay 70; sand gravel 78; rock 81. Water at 80.



ESSEX COUNTY- cont.

Colchester South Twp. FC		Lucier Well Drlg.		July		3		12		14		Fresh		D			
FC	" 92	#Crump		May 22	3	2	10	15	3	15	30	"	"	D	Top soil 3;yellow clay 15;blue clay 75;sand gravel 86;grey rock 94. Water at 94.		
FC	" 93	B.Pemberton		Aug. 15	3	5	45	45	30	45	30	"	"	D	Clay 56;sand 62;gravel 64. Water at 64.		
FC	" 93	M.Poirier		Oct. 2	2	8	25	25	5	25	5	"	"	D	Black sand 2;grey clay 45;quicksand 86;limestone 96. Water at 96.		
FC	" 94	J.Darby		July 16	3	12	15	15	6	15	6	"	"	D	Clay 59;sand 60. Water at 60.		
FC	" 97	F.Slonna		Apr. 18	3	7	24	24	12	24	12	"	"	D	Sand 4;grey clay 50;quicksand 68;grey limestone 77. Water at 77.		
Gosfield North Twp. Con IX				Dec. 1	3	1	70	14		70	14	Fresh	Fresh	D	Top soil 2;red clay 20;blue clay 50;clay sand 65;shale 66;sand 69;grey rock 75. Water at 75.		
Con IX	" 19	M.Ryall		Nov. 3	3	20	30	30	22	30	22	"	"	D	Clay 35;sand 50;clay sand 85;sand 105;hardpan 115;sand stones 119;hard grey shale 120. Water at 120.		
Gosfield South Twp. Con II				Sep. 22	3	12	20	16		20	16	Fresh	Fresh	D,S	Yellow clay 10;blue clay 80;sand clay 103;grey shale 104. Water at 104.		
Con II	" 9	A.Wigle		Feb. 24	8	1	155	30		155	30	Sulphur	Sulphur	Ir	Clay 16;sand 64;clay 85;sand 88;grey limestone 90. Water at 90.		
Con III	"	B.Ulckwill		Mar. 31	6	10	26	19		26	19	Fresh	Fresh	D,S	Top soil 8;quicksand 15;blue clay 90;sand clay 146;sand gravel 150;brown limestone 190;grey limestone 230;grey brown limestone 252. Water at 250.		
Con III	" 12	E.Pysh		Jan. 3	3	3								D	Clay 40;fine sand 85;gravel sand 89. Water at 89.		
Con IV	" 7	S.Toth		June 2	2	4	22	11		22	11	Sulphur	Sulphur	D	Clay 44;fine grey sand 135;clay fine sand 147. Dry hole.		
Con IV	" 10	H.Keyes		July 13	3	5	30	12		30	12	Fresh	Fresh	D	Old well 20;blue clay 40;clay sand 111;grey bedrock 118. Water at 118.		
Con V	" 7	School S.#11		Aug. 21	4	30	25	16		30	25	"	"	P	Clay 55;fine grey sand 95;hardpan 105;gravel sand 110;shale 112. Water at 12.		
WD FC	" 9	H.F.Dixon		Feb. 13	3	30	25	12		25	12	"	"	D	Clay 35;sand 105;clay 124;sand 127;grey limestone 135. Water at 127.		
WD FC	" 15	L.K.Day		Oct. 1	3	30	10	2		10	2	"	"	D	Sandy soil 4;grey sand 20;gravel sand 30;fine grey sand 70;clay sand 74;shale sand 76;grey limestone 79. Water at 79.		
WD FC	" 16	L.Davis		June 13	3	4	21	3		21	3	"	"	D	Clay 20;marsh 38;sand 55;limestone 62. Water at 62.		
WD FC	" 16	J.Gurney		July 18	2	4	23	3		23	3	"	"	D	Clay black loam 2;grey clay 65;quicksand 69;limestone 75. Water at 75.		
WD FC	" 19	M.Weuster		June 26	3	5	10	3		10	3	"	"	D	Yellow clay 15;blue clay 41;soft light sandstone 46. Water 46.		
Leamington		J.Viassac		May 1	6	12	40	18		40	18	Fresh	Fresh	P	Blue clay 27;fine sand 40. Water at 27.		
Leamington		Leamington Arena		Dec. 31	8	50	40	12		40	12	"	"	N	Top soil sand 30;clay 54;hardpan 100;limestone 105. Water at 105.		
Madison Twp. BRW Con III				Apr. 13	4	2	40	16		40	16	Sulphur	Sulphur	D,S	Clay 65;sand clay 117;brown limestone 132;white limestone 152. Water from 104 to 112.		
BRW Con III	" 27	G.Wison		Dec. 19	4	3	50	19		50	19	"	"	D,S	Yellow clay 10;blue clay 105;sand 122;hard blue clay 130;hardpan 142;hard dark rock 144. Water at 144.		
BRW Con V	" 17	J.Renaud		Dec. 3	4	12	30	20		30	20	"	"	D,S	Loam 1;clay 90;layers of sand clay 102;fine sand limestone 106. Water from 102 to 106.		
MRS	" 13	A.Tellier		Aug. 13	4	5	40	9		40	9	Fresh	Fresh	D,S	Top soil 1;red clay 18;blue clay 80;clay sand 114;grey limestone 117. Water at 116.		
TRN	" 292	B.Kerr		Sep. 18	3	3	45	40		45	40	Sulphur	Sulphur	D,S	Blue clay 80;sand gravel 95. Water from 80 to 95.		
Malden Twp. CG CG				July 22	3	5	10	0		10	0	Fresh	Fresh	S	Top soil 2;red clay 19;blue clay 60;clay sand 105;sand 112;soft grey rock 120. Water from 118 to 120.		
Con I	lot 13	C.Martin		Sep. 12	3	5	15	5		15	5	"	"	D	Yellow clay 18;blue clay 39;hardpan 40. Water at 40.		
				Jan. 13	3	4	20	15		20	15	"	"	D	Yellow clay 15;blue clay 22;quicksand 44;hardpan 46. Water at 46.		
														D	Yellow clay 18;blue clay 32;sand 39;hardpan gravel 42. Water 42.		

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



**ESSEX COUNTY. cont.**

Rochester Twp. BRE Con W	lot 28	C.N.Bowe	D.Sundin	Dec. 15	4	20	25	10	Sulphur	D,S	Clay 100;sandstones 110;shale gravely sand 114;hard grey limestone 116. Water at 116. Clay 103;hardpan 113;limestone 115. Water at 115.
MRN	" 10	E.Skidmore	M.J.Williams	July 16	3	20	30	12	"	D	
Sandwich South Twp. Con V	lot 15	Wm.Snowdon	Lucier Well Drlg.	Oct. 21	3	4	85	30	Sulphur	D	Top soil 2;ired clay 20;blue clay 110;clay sand 125;sand 138; dark shale 142. Water at 138.
Con V	" 15	"	"	Dec. 23	3	4	100	38	"	D	Top soil 3;yellow clay 22;blue clay 120;sand gravel 142;soft limestone 146;gravel 149;soft grey rock 160. Water at 156.
Con VII	" 6	D.Renaud	"	Aug. 27	3	8	40	30	Fresh	D,S	Top soil 3;ired clay 21;blue clay 80;clay sand 108;soft grey rock 116. Water at 115.
Con VII	" 6	G.Ravenburg	"	Nov. 27	4	12	60	40	Sulphur	D,S	Top soil 2;ired clay 20;blue clay 60;clay sand 115;sand 120; soft grey rock 125. Water at 123.
Con VII	" 13	K.Kirkman	L.Leveque	July 9	3	4	60	40	Fresh	D	Clay 1;blue clay 75;limestone 101. Water at 100.
Con VII	" 15	F.Ilyons	Lucier Well Drlg.	Oct. 4	3	1	178	80	"	T	Top soil 3;yellow clay 20;blue clay 120;sand 140;sand gravel 160;hard white rock 166;sand gravel 178. Water from 166 to 178.
Con VII	" 15	"	"	Oct. 14	3	4	130	30	"	D,S	Top soil 2;ired clay 20;blue clay 130;clay sand 150;gravel 160. Water at 160.
Con VIII	" 3	A.Morrison	"	Aug. 8	4	7	40	20	"	D	Top soil 2;ired clay 22;blue clay 90;blue clay sand 105; Grey rock 108. Water at 107.
Con XI	" 3	M.Farough	Johnston Bros.	May 6	4	2	80	38	"	D,S	Yellow clay 10;blue clay 90;gravel 99;grey rock 100. Water at 100.
Con XII	" 12	A.Kotow	"	Apr. 20	4	4	45	21	"	D,S	Yellow clay 15;blue clay 100;fine sand 115;hardpan 128;hard dark rock 130. Water at 130.
TRS	" 293	F.Haas	Lucier Well Drlg.	Sep. 30	3	3	90	40	"	D	Top soil 2;ired clay 20;blue clay 80;clay sand 108;soft grey rock 120. Water at 120.
TRS	" 303	S.Pap	"	June 24	4	10	60	38	"	Ir	Sand 3;sandy clay 15;blue clay 90;gravel sand 120;grey lime-stone 124. Water at 120.
Sandwich West Twp. LA Con II	lot 74	WindSOR Packing Co.	Lucier Well Drlg.	July 30	4	25	24	21	Sulphur	C	Top soil 2;ired clay 30;blue clay 100;blue clay sand 128;soft grey rock 132. Water at 132.
PC Con II	" 24	F.Walters	"	July 14	3	20	10	Flows	"	D,S	Top soil 3;ired clay 20;blue clay 60;coarse gravel 75;sand 79. Water from 60 to 79.
PC Con IV	" 7	C.Young	"	July 3	3	5	25	16	"	D	Top soil 2;ired clay 20;blue clay 70;sand gravel 84;grey limestone 86. Water at 75.
Tilbury West Twp. Con VIII	lot 11	L.G.Latam	A.Wilkinson	Oct. 12	4	5	40	20	Sulphur	D,S	Clay 130;hardpan 132;gravel loose shale 133. Water at 133.
MRS	" 2	VanBendriessche	M.J.Williams	May 30	3	5	50	20	"	S	Clay 107;hardpan 109;grey limestone 119. Water at 111.
FRONTENAC COUNTY Barrie Twp. Con II	lot 12	T.Pound	Eastern Ont. Diamond Drilling	Aug. 15	2	3	25	7	Fresh	D	Granite 31. Water at 28.
Bedford Twp. Con II	lot 4	H.Franklin	J.Knox	June 30	6	2			Fresh	D	Soil 3;red sandstone 49. Water at 40.
Con V	" 14	L.Murphy	W.H.Davy & Son	Dec. 3	6	15	42	23	"	D	Red sand 4;white limestone 65. Water at 62.
Con XII	" 22	M.Green	C.A.McCarthy	Aug. 7	6	15	32	32	"	D,S	Sand loam 9;sandstone 50. Water at 45.
Clarendon Twp. Con V	lot 27	H.Perry	Eastern Ont. Diamond Drilling	July 3	2	1	30	7	Fresh	D	White limestone 50. Water at 47.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>FRONTENAC COUNTY -</b>										
Clarndon Twp. cont. Con X	A. Lowes	Eastern Ont. Diamond Drilling	June 22	2	1	40	16	Fresh	D	Sand 7; grey granite 80. Water at 74.
Con X	W. Jenke	"	Aug. 27	2	4	20	6	"	D	Sand 2; black limestone 37. Water at 32.
Con XI	T. Kaoukis	"	July 1	2	2	32	10	"	D	Gray granite 41. Water at 34.
NER	R. Jenke	"	Oct. 5	2	3	25	12	"	D	Black limestone 60. Water at 55.
NER	W. Keller	"	Nov. 30	2	1	90	6	"	D	Sandy loam 3; grey limestone 48; granite 114. Water at 82.
NER	R. Sproule	"	Nov. 20	2	6	20	6	"	D	Sand 2; white limestone 17; quartzite 41. Water at 34.
SWE	J. Miller	"	Nov. 16	2	1	25	14	"	D	Gravel 4; granite 82. Water at 79.
Hinchenbrooke Twp. Con I	D. Lee	J. Knox	Mar. 3	6	3		11	Fresh	D	Soil 6; grey granite 35; red green granite 84. Water at 65.
Con II	Hydro-Elec. Commission	W. H. Davy & Son	Mar. 17	6	45	8	4	"	P	Sand clay 16; black red granite 106. Water at 24 and 102.
Con IV	C. Hannah	J. Knox	June 23	6	3	45	20	"	D	Soil 4; sandstone 53. Water at 50.
Kennebec Twp. Con IV	F. Shorts	W. H. Davy & Son	Jan. 29	6	1		35	Fresh	D	Blue clay 5; green granite 157. Water at 150.
Con VII	E. Adams	Eastern Ont. Diamond Drilling	Mar. 4	2	1	30	7	"	P	Black limestone 111. Water at 105.
Con VIII	"	"	Feb. 28	2	1	30	7	"	P	Black limestone 206. Water at 80.
Kingston	Kingston Gen. Hospital	W. H. Davy & Son	Sep. 29	8	60	15	11	Fresh	In	Fill 5; blue limestone 118; red black granite 200. Water at 118 and 194.
Kingston Twp. Con II	A. Kleinlangel	R. C. Wales	Jan. 15	6	1		9	Fresh	D	Clay 3; limestone 60. Water at 38.
Con II	D. Amey	"	Feb. 2	6	2		5	"	D	Clay 3; limestone 60. Water at 38.
Con II	J. Anderson	J. Knox	May 13	6	2		8	"	D	Blue clay 7; blue limestone 63. Water at 43.
Con II	"	"	June 1	6	3	30	7	"	D	Blue clay 11; blue limestone 45. Water at 40.
Con II	"	"	June 3	6	3	45	12	"	D	Blue clay 13; blue limestone 50. Water at 42.
Con II	W. MacAdoo	"	Aug. 5	6	3	42	11	"	D	Blue clay 10; blue limestone 55. Water at 45.
Con II	J. Andersen	"	Aug. 7	6	3	49	14	"	D	Blue clay 8; blue limestone 57. Water at 50.
Con II	J. McEinn	"	Aug. 10	6	3	40	15	"	D	Blue clay 10; blue limestone 47. Water at 40.
Con II	H. Doering	"	Sep. 1	6	3	46	18	"	D	Blue clay 12; blue limestone 53. Water at 47.
Con II	H. Reisinger	"	Oct. 7	6	15	15	15	"	D	Clay sand 11; limestone 60. Water at 26.
Con II	J. Andersen	R. C. Wales	Oct. 16	6	8	16	0	"	D	Blue clay 17; blue limestone 55. Water at 50.
Con II	W. Smith	J. Knox	Apr. 29	6	8	25	12	"	D	Clay 3; hard limestone 46. Water at 41.
Con II	J. Campbell	R. C. Wales	June 9	6	8	14	14	"	D	Clay loam 4; limestone 56. Water at 51.
Con II	V. Clark	"	June 21	6	12	40	13	"	D	Clay 2; limestone 58. Water at 52.
Con II	P. Newberry	"	Aug. 21	6	12	40	14	"	D	Clay sand 3; limestone 64. Water at 58.
Con II	W. Reid	Goodberry Well Drilling	Apr. 17	6	20	40	10	"	D	Top soil 1; clay 3; blue limestone 65; dark limestone 72. Water at 52 and 65.
Con II	B. Closs	J. Knox	Apr. 25	6	3	50	12	"	D	Blue clay 8; shale limestone 16; blue limestone 74. Water at 60.
Con II	W. Craig	R. C. Wales	May 22	6	6		31	"	D	Clay 4; limestone 60. Water at 48.
Con II	K. Burdard	"	June 11	6	1		21	"	D	Sandy loam 5; limestone 69. Water at 30.
Con II	D. Kinch	Goodberry Well Drilling	June 11	6	5	60	35	"	D	Top soil 2; blue clay 4; blue limestone 91. Water at 60.
Con II	H. Cheatham	"	July 16	6	1	78	29	"	D	Old well 69; blue limestone 86. Water at 64.
Con II	G. Beaford Sr.	"	Aug. 13	6	2	92	73	"	D	Clay 2; broken limestone 4; blue limestone 106. Water at 101.
Con II	I. Campbell	J. Knox	Aug. 13	6	3	70	30	"	D	Soil 4; blue limestone 33. Water at 80.
Con II	N. Irwin	"	Oct. 13	6	2	70	25	"	D	Blue clay 2; blue limestone 81. Water at 72.
Con II	W. A. Higgins	"	Oct. 18	6	2	55	20	"	D	Soil 6; blue limestone 68. Water at 50.



FRONTENAC COUNTY- cont.  
Kingston Twp. cont.

Con II	3	C. Blomestyn	J. Knox	Dec. 4	6	3	55	18	Fresh	D	Blue clay 4; blue limestone 72. Water at 55.
Con II	14	M. Aylesworth	W. H. Davy & Son	May 26	6	1	9	12	"	P	Sand 6; blue limestone 55. Water at 53.
Con II	"	C. Chapman	R. C. Wale	Jan. 27	6	1	37	27	Sulphur	S	Loam 2; limestone 92. Water at 30.
Con II	2	P. "	"	Aug. 27	6	1	24	27	Fresh	D	Limestone 71. Water at 65.
Con II	"	B. Turnbull	L. Campbell	May 19	6	1	2	16	"	D	Loam clay 5; hard grey limestone 25. Water at 7.
Con II	9	S. Jones	J. Knox	June 15	6	1	0	0	Sulphur	D	Soil 1; shale limestone 10; blue limestone 60. Water at 45.
Con II	"	W. Gibson	"	Apr. 16	6	5	45	23	Fresh	D	Shale 7; blue limestone 70. Dry hole.
Con II	15	H. Vanhausen	"	Mar. 21	6	3	32	14	"	D	Blue clay 26; blue limestone 62. Water at 53.
Con II	"	P. Dahmen	"	Apr. 24	6	3	20	12	"	D	Blue clay 25; blue limestone 47. Water at 34.
Con II	15	B. Mortensen	"	Apr. 27	6	3	2	0	"	D	Blue clay 18; blue limestone 38. Water at 30.
Con II	15	School Area	"	June 9	6	4	30	30	"	D	Blue clay 18; blue limestone 101. Water at 50.
Con II	"	"	"	Sept. 12	6	4	30	30	Salty	P	Blue clay 19; blue limestone 152. Water at 130.
Con II	15	G. Wise	"	Nov. 30	6	8	12	12	Fresh	D	Sandy loam 4; limestone 61. Water at 35.
Con IV	"	P. Hoornweg	R. C. Wale	Apr. 14	6	3	44	44	"	D	Blue clay 4; blue limestone 68. Water at 60.
Con IV	7	E. Gauthier	J. Knox	Sept. 23	6	3	12	12	"	D	Shale limestone 5; blue limestone 165. Dry hole.
Con IV	10	R. Gorcoran	R. C. Wale	Mar. 12	6	3	24	24	"	D	Loam shale 3; limestone 59. Water at 34.
Con IV	13	R. MacCraw	W. H. Davy & Son	May 4	6	1	36	14	"	D	Broken limestone 3; hard limestone 94. Water at 38.
Con IV	16	A. Baker	J. Knox	Apr. 27	6	10	25	15	"	D	Blue clay 7; blue limestone 46. Water at 30.
Con IV	17	L. Campbell	W. H. Davy & Son	May 28	6	10	39	35	"	D	Blue clay 3; blue limestone 40. Water at 35.
Con IV	17	R. Aylesworth	"	Apr. 10	6	10	42	12	"	P	Blue clay 4; blue limestone 68. Water at 40.
Con IV	18	R. Roddy	"	July 17	6	3	42	12	"	D	Blue clay 6; blue limestone 46. Water at 43.
Con IV	18	L. Campbell	J. Knox	Aug. 4	6	3	32	14	"	D	Blue clay 4; blue limestone 50. Water at 40.
Con IV	18	H. Summers	"	Dec. 10	6	3	32	14	"	D	Blue clay 7; blue limestone 44. Water at 36.
Con IV	24	G. Carlson	Goodberry Well Drilling	Dec. 3	6	3	2	2	Sulphur	D	Sand 5; blue limestone 140. Dry hole.
Con IV	28	Green Const.	G. H. Chalk Jr.	Dec. 31	6	1	105	64	Salty	D	Limestone 81. Water at 40.
Con V	3	d. Mawhinney	W. H. Davy & Son	June 11	6	0	40	18	Fresh	D	Hard blue limestone 105. Water at 72.
Con V	6	G. Hol	"	Feb. 19	6	2	40	15	"	D	Blue clay 4; blue limestone 125. Dry hole.
Con V	13	J. Hamilton	J. Knox	July 4	6	2	50	15	"	D	Soil 6; grey granite 45. Water at 40.
Con V	17	A. Silver	"	Apr. 21	6	2	28	28	"	D	Blue clay 4; shale limestone 10; blue limestone 64. Water at 55.
Con V	17	P. Verzyer	W. H. Davy & Son	May 21	6	15	38	31	Sulphur	D	Blue clay 2; blue limestone 73. Water at 72.
Con V	23	C. Snuthers	"	Apr. 10	6	20	23	13	Fresh	D	Clay 16; blue limestone 62. Water at 58.
Con V	23	J. Haylock	"	July 21	6	15	23	11	"	D	Blue clay 19; blue limestone 62. Water at 59.
Con V	23	L. Mourry	"	May 11	6	15	21	11	"	D	Blue clay 23; blue limestone 50. Water at 47.
Con V	24	J. Montgomery	J. Knox	June 17	6	15	34	14	"	D	Blue clay 14; blue limestone 48. Water at 35.
Con V	24	P. Deschamps	W. H. Davy & Son	Aug. 7	6	15	42	42	"	D	Shale 9; blue limestone 95. Water at 67.
Con V	24	I. Campbell	J. Knox	Sept. 1	6	15	7	30	"	D	Blue clay 10; blue limestone 47. Water at 40.
Con V	25	D. Loveless	W. H. Davy & Son	Jan. 28	6	15	3	3	"	D	Blue clay 13; blue limestone 42. Water at 39.
Con V	25	A. Kemp	"	May 8	6	1	1	1	"	D	Shale 17; blue limestone 69. Water at 62.
Con V	25	W. Watford	"	May 16	6	15	70	12	"	D	Blue clay 15; blue limestone 60. Water at 27.
Con V	25	A. Kemp	"	July 11	6	3	40	26	Fresh	D	Shale 8; blue limestone 78. Dry hole.
Con V	32	A. Leduc	J. Knox	Sept. 17	6	10	40	26	"	D	Clay loam 10; blue limestone 90. Water at 72.
Con V	33	Co-op Bldg.	W. H. Davy & Son	June 14	6	10	45	25	"	D	Blue clay 14; blue limestone 73. Water at 70.
Con V	33	"	"	June 15	6	10	45	25	"	D	Blue clay sand 25; blue limestone 63. Water at 60.
Con V	33	"	"	June 16	6	10	40	26	"	D	Clay 5 sand 17; blue limestone 65. Water at 60.
Con V	33	"	"	June 17	6	10	40	26	"	D	Sand 8; blue limestone 70. Water at 65.
Con V	33	"	"	June 18	6	10	40	26	"	D	Sand 8; blue limestone 66. Water at 60.
Con V	33	"	"	June 19	6	10	40	26	"	D	Sand 8; blue limestone 63. Water at 60.
Con V	33	"	"	June 20	6	10	40	26	"	D	Sand gravel 40; blue limestone 60. Water at 55.
Con VI	4	G. Cunningham	J. Knox	Dec. 21	6	10	25	15	"	D	Soil 1; blue limestone 200. Dry hole.
Con VI	18	C. Silver	Wm. H. Davy & Son	Sept. 1	6	25	10	10	"	D	Blue clay 3; blue limestone 46. Water at 40.
Con VI	24	G. Long	"	Apr. 6	6	25	12	9	"	D	Blue clay 5; blue limestone 37. Water at 34.
Con VI	24	C. Abrams	"	May 13	6	15	12	9	"	D	Clay 5; blue clay 46. Water at 42.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PROTECTOR COUNTY-cont. Kingston Twp.-cont.	Con VII lot 3	J. Ryder	July 6	6	15	25	18	Fresh	D	Shale 17;blue limestone 53. Water at 50.
	Con VII lot 4	H. Allison	Oct. 7	6	7	28	10	Fresh	D	Shale 16;blue limestone 127. Dry hole.
	Con VII lot 11	I. Weir	Oct. 8	6	7	28	10	Fresh	D	Top soil 1;clay 3;blue limestone 64. Water at 46 to 58.
	Con VII lot 12	L. Gilroy	June 11	6	15	31	20	"	D	Blue clay 7;blue limestone 75. Water at 60.
	WD Con III lot 3	J. Knox	May 4	6	15	31	20	"	D	Blue clay 17;blue limestone 37. Water at 20.
	WD Con III lot 3	W.H. Davy & Son	Aug. 22	6	15	31	20	"	D	Soil 4;shale limestone 16;blue limestone 45. Water at 40.
	WD Con III lot 3	E. Cassell	Sep. 17	6	15	29	12	"	D	Blue clay 4;blue limestone 57. Water at 50.
	WD Con III lot 3	J. Martin	Sep. 25	6	15	29	12	"	D	Blue clay 14;blue limestone 50. Water at 47.
	WD Con III lot 3	V. Marvill	Oct. 9	6	15	29	12	"	D	Blue clay 4;blue limestone 48. Water at 40.
	WD Con III lot 3	H. Ryder	Jan. 3	6	15	29	12	"	D	Fill 5;shaly limestone 20;soft grey limestone 70. Water at 5 and 30.
	WD Con III lot 7	F. Semkowich	Jan. 17	6	15	34	2	"	C	Fill 3;shaly limestone 7;soft grey limestone 33;hard grey limestone 35. Water at 7 and 30.
	WD Con III lot 7	"	Feb. 18	6	15	59	2	"	C	Brown earth 4;soft grey limestone 24;hard grey limestone 60. Water at 30.
	WD Con III lot 7	H. Cadott	Feb. 23	6	1	21	20	"	D	Brown earth 2;shaly limestone 9;hard grey limestone 35. Water at 25 to 30.
	WD Con III lot 7	A. Babcock	Mar. 19	6	60	10	8	"	S	Loam 3;shaly limestone 7;hard grey limestone 18. Water at 16.
	WD Con III lot 7	F. Semkowich	Apr. 8	6	2	22	3	"	C	Loam 2;shelly limestone 24. Water at 20.
	WD Con III lot 7	D. Simpson	Apr. 16	6	2	31	15	"	D	Loam 1;shelly limestone 10;hard grey limestone 30;gravel 33. Water at 27.
	WD Con VII lot 3	H. Orser	July 2	6	15	50	29	Fresh	S	Loam 9;blue limestone 97. Dry hole.
	WD Con VII lot 3	W.H. Davy & Son	Oct. 13	6	15	50	29	Fresh	S	Blue clay 8;blue limestone 100. Water at 96.
Loughborough Twp.	Con IV lot 3	M. Goslin	Nov. 11	6	15	50	40	Fresh	D	Shale 18;blue limestone 71;red granite 80. Water at 74.
	Con IV lot 4	O. Berry	Oct. 9	6	20	90	70	"	D	Blue limestone 120. Water at 115.
	Con IV lot 4	E. Leonard	Oct. 28	6	15	115	65	"	D	Loam 4;blue limestone 120;red shale 145. Water at 140.
	Con IV lot 6	A. Barkhouse	June 19	6	15	20	20	"	D	Clay 5;limestone 40. Water at 32.
	Con IV lot 6	J. Hamilton	Dec. 1	6	10	10	10	"	D	Limestone 60. Water at 45.
	Con IV lot 12	School Area	May 21	6	10	40	30	"	P	Top soil 1;sand 3;blue limestone 91. Water at 70 and 88.
	Con V lot 3	M. Wright	Dec. 8	6	15	41	22	"	D	Shale 20;boulders 3;sand gravel 9;layers sand limestone 16; limestone 35. Water at 32.
	Con V lot 4	W.H. Davy & Son	Dec. 30	6	15	40	15	"	D	Top soil 1;sand 11;blue limestone 47. Water at 42.
	Con V lot 4	A. Vosburgh	Feb. 17	6	5	40	15	"	D	Clay 4;limestone 40. Water at 35.
	Con V lot 4	G. Lewis	June 26	6	15	20	18	"	D	Broken limestone 10;blue limestone 100. Water at 87.
	Con V lot 6	A. McKendrie	Oct. 5	6	5	60	40	"	D	Limestone 147. Water at 135.
	Con V lot 6	H. Stoness	Oct. 6	6	1	138	20	Salty	D	Blue limestone 129. Water at 67.
	Con V lot 7	R. Vandermeer	July 9	6	15	129	57	Fresh	S	Loam 4;blue limestone 79. Water at 76.
	Con V lot 14	B. Compton	Feb. 20	6	15	50	41	"	D	Blue limestone 78;red shale 86;green granite 90. Water at 74.
	Con V lot 16	O. Harten	Apr. 20	6	1	90	65	"	D	Blue clay 3;blue limestone 53;green granite 90. Water at 65.
	Con VI lot 5	G. Bauder	Sep. 19	6	5	160	28	Salty	D,S	Clay 4;limestone 130;red sandstone 160. Water at 132.
	Con VI lot 5	B. Davy	Oct. 16	6	15	21	16	Fresh	D	Blue limestone shale 130;red sandstone 160. Water at 132.
	Con VI lot 6	R. Semple	Nov. 9	6	15	21	16	Fresh	D	Clay 4;limestone 130;red sandstone 160. Water at 132.
	Con VI lot 13	R. Raymond	July 16	6	15	27	8	"	D	Sand 6;blue limestone 55;sandstone 69. Water at 55.
	Con VI lot 13	K. Revell	Aug. 6	6	15	13	8	"	D	Shale 9;grey granite 36. Water at 33.
Con VI	Con VI lot 21	E. Meyers	Sep. 27	6	3	90	22	"	D	Shale limestone 10;blue limestone 45;red granite 90. Water at 80.
	Con VII lot 16	A. Arsenault	May 23	6	2	53	30	"	D	Soil 8;red granite 53. Water at 50.
	Con VII lot 16	"	July 20	6	2	32	18	"	D	Sandy clay 13;red granite 48. Water at 43.
	Con VII lot 16	"	July 25	6	2	40	20	"	D	Sandy clay 11;red granite 51. Water at 32.
	Con VII lot 18	E. Walsh	Sep. 23	6	10	35	5	"	S	Blue clay 2;green granite 35. Water at 30.

Loughborough Twp. cont.		C. Cahill		J. Knox		Oct.	6	3	30	8	Fresh	D		
Con IX	lot 18												Sand 15; red granite 38. Water at 30.	
Olden Twp.													Sand loam 4; white limestone 40. Water at 37.	
Con I	lot 17	T. MacMunn		Eastern Ont. Diamond Drilling		Aug.	20	2	31	9	Fresh	D	Gravel 5; granite 81. Water at 58.	
Con I	" 21	Barr/Marshall		"		July	24	2	48	14	"	D	Sand 49; red granite 60. Water at 49.	
Con II	" 13	W. Grant		J. Knox		Jan.	23	6	60	Flows	"	D	Sand 4; granite 74; limestone 88. Water at 64.	
Con II	" 20	Barr/Marshall		Eastern Ont.		July	27	2	40	17	"	D	Sand 5; granite 50; limestone 82. Water at 62.	
Con II	" 20	"		Diamond Drilling		July	31	2	40	13	"	D	Soil 8; white limestone 48. Water at 40.	
Con V	" 1	G. Cronk		J. Knox		May	24	6	48	12	"	D	Gravel 3; granite 84. Water at 76.	
Con V	" 7	M. Sly		Eastern Ont.		Aug.	24	2	37	19	"	D	Sand 13; limestone 30. Water at 26.	
Con VII	" 13	M. Busack		Diamond Drilling		Aug.	27	2	25	12	"	D	Green granite 70. Water at 51.	
Con X	" 11	G. Davis		W. H. Davy & Son		Oct.	30	6	70	24	"	D	Sand boulders 3; red coarse rock 15; red granite 112. Water at 45 and 105.	
Con X	" 15	DePittlands & Forests		Goodberry Well Drilling		Apr.	14	7	35	20	"	P	Sand boulders 7; grey granite 80; light rock 84; grey granite 88. Water at 30 and 84.	
Con X	" 15	"		"		Apr.	22	6	12	6	"	P	Brown soil 2; red granite 101½. Water at 30, 55 and 90.	
Con X	" 15	"		"		Dec.	14	7	50	30	"	P	Sand 1; white limestone 65. Water at 60.	
Oso Twp.													Red sand 4; white limestone 86. Water at 80.	
Con I	lot 13	Thompson's Hamstead Res.		Eastern Ont. Diamond Drilling		Apr.	8	2	28	25	Fresh	D	Sand 2; limestone 62. Water at 55.	
Con I	" 13	S. Herrin		W. H. Davy & Son		Oct.	20	6	86	41	"	D	Gravel 4; limestone 60. Water at 82.	
Con I	" 13	L. Morra		Eastern Ont.		Nov.	9	2	25	14	"	D	Sand 3; granite 41. Water at 38.	
Con I	" 17	E. Brash		Diamond Drilling		Dec.	7	2	25	29	"	D	Shale 19; black granite 40. Water at 39.	
Con I	" 17	F. Webster		"		Oct.	15	2	25	8	"	D	Sand 1; black limestone 47. Water at 43.	
Con I	" 17	L. MacPherson		W. H. Davy & Son		Aug.	31	6	21	14	"	C	Sandy loam 2; white limestone 60. Water at 57.	
Con II	" 14	S. E. Mika		Eastern Ont.		June	22	2	18	5	"	D	Sand 5; limestone 40; sandstone 50; granite 56. Water at 27 and 50.	
Con II	" 16	J. Vinkle		Diamond Drilling		July	31	2	23	7	"	C	Gravel 18; limestone 82. Water at 74.	
Con II	" 16	B-A Oil		"		Aug.	7	2	25	16	"	C	Sand 3; granite 46. Water at 46.	
Con III	" 15	S. MacPherson		"		Nov.	5	2	30	10	"	D	Sand 4; limestone 45. Water at 40.	
Con III	" 15	S. McWeigh		"		Nov.	12	6	46	20	"	D	Red granite 62. Water at 57.	
Con VII	" 12	G. Clark		Goodberry Well Drilling									Blue clay 1½; blue limestone 86. Water at 83.	
Palmerston Twp.													Blue clay 8; blue limestone 57. Water at 52.	
Con I	lot 22	H. Johnston		Eastern Ont. Diamond Drilling		Oct.	12	2	35	20	Fresh	D	Blue clay 12; blue limestone 145. Water at 100.	
Con III	" 28	K/G Shanks		C. Jufresne		June	2	3	20	15	"	D	Soil 3; blue limestone 95. Water at 85.	
Con III	" 28	C. Dunham		Eastern Ont. Diamond Drilling		Oct.	13	2	25	6	"	D	Top soil 1; clay 4; blue limestone 60. Water at 50.	
Con IX	" 10	H. Shaales		"		Oct.	12	2	35	7	"	D	Top soil 1; clay 4; blue limestone 88. Water at 55 and 80.	
Pittsburgh Twp.													Blue clay 15; blue limestone 46. Water at 35.	
CRE	lot D	E. Payne		W. H. Davy & Son		May	25	6	86	24	Fresh	D	Blue clay 8; blue limestone 145. Water at 40.	
CRE	" 10	R. Lauzici		"		Apr.	23	6	30	23	"	D	Soil 3; blue limestone 95. Water at 85.	
CRE	" 10	R. Moore		"		Aug.	28	6	145	70	Sulphur	D	Top soil 1; clay 4; blue limestone 88. Water at 55 and 80.	
CRE	" 11	D. Northey		J. Knox		May	1	6	35	10	Fresh	D	Blue clay 8; blue limestone 48. Water at 40.	
CRE	" 19	Ancestral Const. Co.		"		May	30	6	86	40	"	D	Top soil 1; clay 4; blue limestone 60. Water at 50.	
CRE	" 19	Const. Co.		Goodberry Well Drilling		May	30	6	50	18	"	D	Top soil 1; clay 4; blue limestone 88. Water at 55 and 80.	
CRE	Gore	J. Shappee		"		June	4	6	75	18	Sulphur	D	Blue clay 15; blue limestone 46. Water at 35.	
CRE	"	J. Elvidge		W. H. Davy & Son		Feb.	5	6	15	5	Fresh	D	Blue clay 8; blue limestone 48. Water at 40.	
Con I	lot C	R. Minnaker		"		Feb.	5	6	48	10	"	D		

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>FRONTENAC COUNTY-cont.</b>										
Pittsburgh Twp. cont.										
Con I	Corp. Kingston	R.C. Wales	Mar. 2	6	6	51	8	Fresh	D	Clay 3;sand boulders 13;limestone 51. Water at 35.
Con I	K. Pascock	W.H. Davy & Son	May 27	6	35	21	12	"	D	Clay 5;blue limestone 46. Water at 42.
Con I	R. Biadatti	Goodberry Well Drilling	June 19	6	10	20		"	D	Clay 12;blue limestone 40. Water at 35.
Con I	"	J. Knox	July 15	6	2	45	15	"	D	Blue clay 3;shale limestone 10;blue limestone 51½. Water at 40.
Con I	"	"	Oct. 23	6	4	40		"	D	Blue clay 22;blue limestone 54. Water at 49.
Con I	J. Armstrong	W.H. Davy & Son	June 2	6	20	32	21	"	D	Blue limestone 51;quartz 55. Water at 51.
Con I	W. MacAdoo	J. Knox	Aug. 18	6	3	60	18	"	D	Blue clay 8;blue limestone 60;sandstone 72. Water at 60.
Con I	G. St. Laurent	Goodberry Well Drilling	Nov. 6	6	5	35	9	"	D	Clay 5;blue limestone 47. Water at 18 and 40.
Con I	R. Swezey	R. Kenny	Dec. 23	6	5	85	30	Sulphur	T	Grey clay 6;grey limestone 105. Water at 105.
Con I	W. Tisdale	J. Knox	Sept. 29	6	3	52	30	Fresh	D	Soil 3;blue limestone 40;red sandstone 60. Water at 40.
Con II	Blatchford	Goodberry Well Drilling	July 22	7	30	20	12	"	In	Top soil 2;shale 8;limestone 48. Water at 32 and 45.
Con II	Feed Co.	W.H. Davy & Son	Sept. 5	6	5	102	68	"	D	Blue clay 3;blue limestone 102. Water at 90.
Con II	M. Saulnier	"	July 14	6	30	30	37	"	D	Blue clay 3;sandstone 60. Water at 45.
Con III	R. Paddle	Goodberry Well Drilling	Aug. 22	6	20	25	23	"	D	Clay 30;boulders gravel 44;coarse sand 47;gravel 49;fine sand 50;coarse sand and gravel 54. Water at 54.
Con III	W. Piche	Goodberry Well Drilling	Nov. 4	6	5	45	10	"	D	Clay 19;gravel 20;red and grey granite 45. Water at 20.
Con III	A. Richer	G.H. Chalk Jr.	Apr. 18	6	6	58	18	"	D	Clay 21;gravel 58. Water at 52.
Con III	F. Carr	Goodberry Well D.	June 24	6	10	40	20	"	D	Top soil 1;blue clay 24;red granite 55. Water at 50.
Con III	R. Fenwick	J. Knox	July 28	6	4	50	34	"	D	Blue clay 29;black granite 66. Water at 62.
Con III	J. Anderson	G.H. Chalk Jr.	Oct. 22	6	15	55	25	"	D	Clay 25;red granite 55. Water at 40.
Con III	J. Kleywegt	Goodberry Well Drilling	July 8	6	4	145	77	Salty	D	Sand 1;shale 8;blue limestone 130;grey granite 154. Water at 143.
Con III	J. Riddle	W.H. Davy & Son	July 16	6	20	25	15	Fresh	S	Blue clay 15;blue limestone 47. Water at 35.
Con III	P. Clark	"	July 11	6	10	35	30	"	D	Blue clay 4;blue limestone 77. Water at 65.
Con IV	S. McMinch	Goodberry Well	June 26	6	30	12	9	"	D	Top soil 1;clay 84;sandstone 45. Water at 38.
Con IV	E. J. Jette	Drilling	June 16	6	8	80	3	"	D-S	Top soil 1;clay 26;grey granite 109. Water at 50 and 105.
Con IV	A. J. Duffe	J. Knox	Feb. 14	6	3	57	14	"	D	Soil 4;white limestone 8;white limestone grey and red granite 57. Water at 45.
Con IV	E. Undegrove	"	July 8	6	10	8	4	"	D	Blue clay 14;black granite 36. Water at 25.
Con IV	P. McKeepley	W.H. Davy & Son	Feb. 11	6	10	35	15	"	P	Top soil 1;clay 12;granite 48. Water at 43.
Con IV	Pittsburgh	Goodberry Well Drilling	Jan. 12	6	5	105	1	"	P	Grey and red granite 105. Water at 70.
Con V	School Area	J. Knox	May 26	6	20	20	14	"	P	Top soil 1;sand 4;boulders 7;grey granite 50. Water at 30 and 48.
Con V	Woulton Co.	Goodberry Well Drilling	Jan. 12	6	20	20	14	"	P	Sand 12;red black granite 44. Water at 40.
Con V	G. Woods	W.H. Davy & Son	Jan. 6	6	10	25	18	"	D	Sand 26;red granite 60. Water at 50.
Con VI	M. Colbourne	"	Oct. 12	6	2	60	32	"	D	Top soil 2;clay 0;granite 223. Water at 200 and 220.
Con VII	N. Keys	Goodberry Well Drilling	Dec. 15	6	1	220	38	"	D	Top soil 1;clay 24;grey granite 50. Water at 28 and 48.
Con VIII	D. Fisher	"	June 17	6	25	28	8	"	D	Blue clay sand 25;grey granite 80. Water at 37.
Con VIII	T. Tierney	Drilling	Jan. 23	6	15	144	45	"	D	Red granite 88;green granite 107;black and red granite 122. Water at 118.
Con VIII	B. Kuster	W.H. Davy & Son	May 11	6	5	122	45	"	D	
Con VIII	H. Cartwright	"		6				"	D	
<b>Portland Twp.</b>										
Con I	H.E.P.C.	Goodberry Well Drilling	July 17	6	4	120	90	Salty	N	Blue limestone 141½. Water at 138 and 140.
Con I	"	"	July 29	6	-	-	-	"	N	Top soil 2;limestone 125.
Con I	"	"	Aug. 6	6	15	58	50	Fresh	P	Clay 1;broken rock 11;blue limestone 73. Water at 68.
Con I	E. Snyder	W.H. Davy & Son	Sept. 29	6	15	93	35	"	D	Previously drilled 152;blue limestone 187. Water at 183.
Con II	G. Harden	G.H. Chalk Jr.	Feb. 28	6	3	75	5	"	D	Clay shale 3;limestone 124. Dry hole.
Con II	J. Ken	"	Feb. 28	6	3	75	5	"	D	Shale 4;limestone 75. Water at 60.
Con II	G. Harden	"	Mar. 6	6	3	75	5	"	D	Clay shale 3;limestone 60. Dry hole.
Con II	"	"	Mar. 13	6	3	75	5	"	D	Clay shale 3;limestone 63. Dry hole.

FRONTENAC COUNTY- cont.

Portland Twp. cont.		E. Ralph	J. Knox	Apr.	6	1	72	10	Fresh	D	Soil 2:shale limestone 7;blue limestone 72. Water at 60. Top soil 1;blue limestone 110. Dry hole.	
Con II	lot 7	G. Garrett	Goodberry Well Drilling	May	6							
Con II	"	G. Tisdale	J. Knox	Oct. 27	6	2	33	12	"	D	Blue clay 2;blue limestone 43. Water at 20.	
Con III	"	C.M. Smith	Goodberry Well D.	Aug. 19	6	1	102	80	"	D	Top soil 1;clay 2;blue limestone 106. Water at 17 and 80.	
Con III	"	J. Standen	"	Aug. 22	6	1	128	63	Salty	D	Shale 6;blue limestone 128. Water at 116.	
Con III	"	G. Snider	W.H. Davy & Son	Nov. 12	6	2	75	19	Fresh	D	Soil 10;blue limestone 75. Water at 70.	
Con IV	"	H. Lambert	"	July 20	6	15	66	29	"	D	Loam 8;blue limestone 66. Water at 57 and 64.	
Con IV	"	D. Fuller	"	Nov. 3	6	15	42	18	"	D	Blue clay 10;blue limestone 76. Water at 71.	
Con IV	"	G.A. Snyder	"	Aug. 26	6	15	55	18	"	D	Shale 8;blue limestone 55. Water at 52.	
Con V	"	Watson/Wallace	Goodberry Well Drilling	June 2	6	1	69	23	"	D	Top soil 1;sand 2;shale 12;blue limestone 65 and 77.	
Con V	"	Harrowsmith	W.H. Davy & Son	Oct. 3	6	20	48	31	"	P	Clay 8;limestone blue 71. Water at 68.	
Con V	"	H. Kingston	"	Oct. 20	6	20	45	32	"	Ind	Fill 9;blue limestone 70. Water at 66.	
Con V	"	B. Lambert	"	Apr. 1	6	40	11	11	"	C	Old well 49;blue limestone 55. Water at 52.	
Con V	"	M. Blair	"	Oct. 15	6	10	15	10	"	D	Blue clay 7;blue limestone 46. Water at 35.	
Con V	"	E. Lloyd	J. Knox	Dec. 24	6	20	50	14	"	D	Blue clay 4;blue limestone 50. Water at 35.	
Con V	"	A. Babcock	"	Dec. 28	6	2	47	14	"	D	Blue clay 1;blue limestone 51. Water at 51.	
Con VI	"	K. Dart	W.G. Miller	Oct. 31	6	20	49	15	"	D	Limestone shale 11;grey limestone 49. Water at 30.	
Con VI	"	P. Hansen	W.M. Davy & Son	Nov. 21	6	45	20	0	"	S	Loam 4;blue limestone 188;grey granite 237. Dry hole.	
Con VI	"	E. Mitchell	W.G. Miller	Dec. 2	6	2	57	3	"	D	Blue clay 5;blue limestone 57. Water at 45.	
Con VII	"	H. Eaton	W.H. Davy & Son	Mar. 18	6	8	58	4	"	D	Loam 4;red and black granite 58. Water at 55.	
Con X	"	W. Marsh	"	July 4	6	20	25	12	"	D	Clay 10;white limestone 37. Water at 34.	
Con X	"	F. Orser	"	June 28	6	7	48	8	"	D	Sandy loam 14;red granite 48. Water at 40.	
Con X	"	C. Orser	Goodberry Well Drilling	Apr. 2	6	1	21	15	"	D,S	Top soil 1;clay 3;boulders clay 10;black granite 46g. Water at 20 and 40.	
Con XIII	"	Wm. Storms	Goodberry Well Drilling	June 28	6	1	21	15	"	D	Sandy loam 15;white limestone 40;red granite 50. Water at 40.	
Con XIV	"	F. Pepper	W.H. Davy & Son	Apr. 7	6	10	15	5	"	D		
Storrington Twp.												
Con I	lot 18	B. Prentice	W.H. Davy & Son	May 15	6	40	35	35	Fresh	D,S	Blue limestone 58. Water at 54.	
Con I	"	C. Caird	"	Apr. 12	6	40	18	16	"	D	Blue limestone 48. Water at 44.	
Con I	"	M. Legrow	"	Dec. 14	6	8	94	35	"	D	Blue clay 4;blue limestone 84. Water at 81.	
Con I	"	B. Juniper	"	Aug. 13	6	10	86	45	"	D	Loam 4;blue limestone 96. Water at 90.	
Con II	"	H. Cumpson	"	Apr. 15	6	30	36	36	"	D	Loam 4;blue limestone 56. Water at 52.	
Con II	"	T.R. Smith	G.H. Chalk Jr.	Apr. 9	6	50	30	20	"	D	Clay gravel 6;limestone 50. Water at 48.	
Con II	"	S. Danby	"	Apr. 16	6	5	62	30	"	D	Limestone 62. Water at 60.	
Con II	"	D. Wilson	W.H. Davy & Son	May 19	6	1	71	19	Salty	C	Clay 3;blue limestone 71. Water at 67.	
Con III	"	J.A. Morrow	Goodberry Well Drilling	Aug. 14	6	1	49	15	Fresh	D	Top soil 1;fill 3;blue limestone 50. Water at 30.	
Con IV	"	C. Sonneveld	"	Dec. 15	6	3	114	80	"	S	Clay 4;limestone 120. Water at 80 and 110.	
Con V	"	B. Beal	W.H. Davy & Son	July 29	6	20	44	31	"	D,S	Blue limestone 92. Water at 85.	
Con VII	"	G. Moreland	"	July 25	6	20	37	29	"	D	Blue limestone 78. Water at 75.	
Con VII	"	J. Langstaff	"	Sep. 24	6	10	40	35	"	D	Blue clay 4;blue limestone 61;sandstone 74. Water at 35.	
Con IX	"	Pentecostal Menze	"	Aug. 12	6	20	30	14	"	D	Blue limestone 50. Water at 45.	
Con IX	"	J. Miller	"	Nov. 28	6	10	53	38	"	D	Loam 4;blue limestone 47;red and black granite 53. Water at 50.	
Con X	"	D. Jardine	"	Aug. 5	6	20	35	4	"	D	Blue clay 3;brown sandstone 27;red granite 35. Water at 27.	
Con X	"	A. Hazelgrove	"	June 1	6	15	65	25	"	D	Red sand 6;sandstone 64;white limestone 100. Water at 92.	
Wolfe Island Twp.	lot 1	M. Deruiter	Goodberry Well Drilling	Oct. 9	6						Top soil 1;clay 6;blue limestone 127. Dry hole.	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>FRONTENAC COUNTY- cont.</b>										
Wolfe Island Twp. cont.										
BLN Con VIII lot 4	R. Bolton	Goodberry Well Drilling	Oct. 15	6	1 1/2	42	15	Fresh	D,S	Blue limestone 46. Water at 27.
BLN Con XI " 4	W. Woodman	"	Oct. 13	6	20	35	15	Sulphur	D	Top soil 1; clay 15; blue limestone 66. Water at 47.
BLS Con V " 9	J. Michaels	"	Oct. 16	6						Clay 5; limestone 87. Dry hole.
BLS Con VII " 2	Frontenac	"	Sep. 29	6						Clay 9; blue limestone 127. Dry hole.
BLS Con VII " 5	Broadacasting	"	Dec. 22	6	< 1/2	73	10	Sulphur	D	Clay 9; blue limestone 75. Water at 51 and 62.
BLS Con VIII " 5	J. Posthumus	G.H. Chalk Jr.	June 16	6						Clay 6; limestone 60. Dry hole.
BLS Con VIII " 5	"	"	June 23	6						Clay 8; limestone 54. Dry hole.
BLS Con IX " 5	"	"	June 24	6	17	38	15	Fresh	S	Clay 9; limestone 41. Water at 40.
BLS Con XV " 6	Kerschenhoufer	"	July 1	6	51	51	6	"	"	Clay 5; limestone 51. Water at 40.
BLS Con XV " 22	O. Greenwood	"	Dec. 22	6	5	54	12	"	D	Clay 1; limestone 64. Water at 22, 60 and 63.
R P No 73		Goodberry Well Drilling								
<b>GLENGARRY COUNTY</b>										
Charlottenburg Twp.										
Con I lot 23	R. Leroup	A. Bourdon	Apr. 22	5	20	1	0	Fresh	D	Blue clay 30; gravel 35. Water at 30.
IL Con II " 1	C. Latreille	"	July 22	5	5	12	12	"	D	Clay stone 20; sand gravel 35; clay 45; gravel 57. Water at 45.
IL Con II " 9	A. Kirky	"	July 11	5	8	9	6	"	D	Stones clay 20; clay gravel 60; gravel 68. Water at 60.
IL Con II " 10	V. Bisson	"	July 16	5	8	9	6	"	D	Clay stones 20; blue clay 30; gravel 61. Water at 50.
IL Con III " 5	J. King	"	Sep. 2	5	5	25	25	"	D,S	Clay gravel 25; gravel sand 50; gravel 60; limestone 65.
IL Con VII " 4	S. MacLeod	Ferguson Thresher	Nov. 2	5	7	23	23	"	D	Water at 50.
IL Plan 101	L. Ladouceur	A. Bourdon	May 9	5	5	30	20	"	D	Dug 47; hardpan 66; sand gravel 73 1/2; limestone 74. Water at 74.
IL " 101	A. Gregoire	Roy & Son Regg'd.	Aug. 11	5	12	24	14	"	D	Clay 40; gravel clay 60; black rock 66. Water at 60.
IL " 101	G. Casselman	"	Aug. 14	2	17	23	13	"	D	Hardpan boulder 63; grey limestone 86. Water at 86.
IL " 101	L. Migneault	"	Aug. 18	2	12	24	15	"	D	Hardpan boulders 60; grey limestone 80. Water at 80.
IL " 101	W. Paulson	"	Aug. 26	2	7	24	15	"	D	Hardpan boulders 60; grey limestone 83. Water at 83.
IL " 101	E. Sabourin	A. Bourdon	May 16	5	5	18	18	"	D	Clay gravel 30; gravel gravel 38 1/2. Water at 30.
IL " 101	E. Ladouceur	"	Sep. 19	5	7	18	18	"	D	Stone clay 20; sand stone 38; gravel 45. Water at 40.
IL " 101	O. Margie	"	Aug. 28	5	7	20	20	"	D,S	Clay gravel 45; gravel 62. Water at 52.
LF Con I " 18	A. Quesnel	Roy & Son Regg'd.	Aug. 11	5	8	20	12	"	D	Clay 30; gravel 51. Water at 42.
LF Con I " 18	R. Roy	"	Sep. 19	5	6	24	10	"	D	Hardpan boulders 55; grey limestone 73. Water at 73.
LF Con I " 18	K. Greer	"	Nov. 14	2	6	20	10	"	D	Hardpan boulders 56; grey limestone 70. Water at 71.
LF Con I " 19	A. Duchesne	"	Nov. 20	2	6	20	9	"	D	Hardpan boulders 56; grey limestone 70. Water at 70.
LF Con I " 23	B. Carpentier	"	Nov. 24	2	6	20	10	"	D	Hardpan boulders 57; grey limestone 68. Water at 68.
LF Con II " 19	R. Jeroix	A. Bourdon	Apr. 22	5	17	1	1	"	D	Blue clay 30; gravel 34. Water at 30.
LF Con II " 19	A. Valajje	"	Sep. 16	5	5	15	15	"	D	Clay stones 20; limestone 48. Water at 40.
LF Con II " 22	J. LaLonde	"	Sep. 10	5	3	30	30	"	D,S	Sand clay 40; gravel 59. Water at 50.
LF Con II " 23	D. O'Neill	"	Aug. 18	5	4	30	30	"	D,S	Clay sand 60; gravel 70. Water at 60.
LF Con III " 5	J. Vagh	"	Aug. 5	5	5	15	15	"	D,S	Clay 26; grey rock 68. Water at 50.
LF Con III " 14	H. Geneau	Foliskin Well Dr.	Sep. 14	5	12	32	30	"	D,S	Hardpan 38; sand 45; limestone 100. Water at 68.
LF Con III " 5	R.H. Casselman	"	Dec. 1	4	10	25	45	"	D,S	Old well 28; gravel hardpan 45; limestone 61. Water at 71.
LF Con VII " 5	E. Andre	Cayer Well Dris.	Oct. 15	5	10	55	24	"	D,S	Dug well 30; hardpan 40; gravel 45; limestone 100. Water at 90.
LF Con VII " 6	J. Clyde	A. Bourdon	June 13	5	5	24	14	"	D	Clay gravel 20; gravel 40; grey limestone 43. Water at 35.
RRN " 29	J. Marocque	R.H. Casselman	Nov. 24	5	10	36	14	"	D	Clay 18; gravel hardpan 25; gravel sand 36; rock 39; limestone 79. Water at 69.
RRN " 49	Rev. Soeur de Sacre Coeur	Roy & Son Regg'd.	June 25	2	13	20	9	"	D	Hardpan boulders 51; grey limestone 73. Water at 73.
RRS " 5	"	"	July 1	2	6	24	11	"	D	Hardpan boulders 49; grey limestone 69. Water at 69.
RRS " 25	"	"	Oct. 21	2	4	30	17	"	D	Hardpan boulders 43; grey limestone 377. Water at 377.
SOF Con IV " 4	M. Cummings	R.H. Casselman	May 16	5	22	-21	27	"	C	Boulders hardpan 49; hardpan gravel 37; hardpan 45; limestone 98. Water at 88.



GLENAGARRY COUNTY- cont.									
Charlotteburg Twp. cont.									
SOF Con IV	lot 5	M. Vanderydt	R. H. Casselman	Aug. 17	5	14	46	17	D, S
SOS Con VI	" 6	C. Byatte	Poliskin Well Drillers	Nov. 16	6	15	8	8	S
Kenyon Twp.									
Con I	lot 1	R. MacDuff	B. W. Campbell	Nov. 19	5	6	18	18	D
Con VI	" 26	R. Campbell	Ferguson Thresher	Aug. 11	5	6	75	18	D, S
Con VII	" 5	A. Franklin	"	Oct. 10	5	8	38	8	"
Con IX	" 24	N. McLeod	"	June 6	5	12	11	2	"
Lancaster									
Con I	"	J. McArthur	Bourgeois & Sanche	June 17	4	30	25	12	D
Lancaster Twp.									
Con I	lot 15	L. McGrae	Poliskin Well D.	Aug. 8	6	15	20	18	D, S
Con I	" 29	Dept. of Travel & Publicity	Goodberry Well Drillers	Jan. 30	7	20	111	8	P
Con I	" 29	Ont. St. Lawrence Development Comm.	R. H. Casselman	Aug. 6	5	12	76	11	P
Con I	" 30	A. Dubeau	A. Bourdon	Jan. 15	5	5	8	8	S
Con I	" 37	R. Bissonnette	Poliskin Well D.	June 3	6	6	8	12	"
Con IV	" 31	J. Fairney	Bourgeois/Sanche	July 12	4	10	30	12	"
Con VIII	" 15	O. Constant	Cayer Well Drils.	Aug. 12	4	15	62	20	D, S
Con VIII	" 38	P. Lalonde	A. Bourdon	July 30	5	3	15	15	"
Con VIII	" 38	L. Letaine	Cayer Well Drlg.	Nov. 14	4	3	70	7	"
Con VIII	" 38	L. Major	B. W. Campbell	Dec. 8	5	5	28	6	"
Lochiel Twp.									
Con I	lot 7	R. Eather	Poliskin Well D.	June 23	6	6	25	17	D
Con I	" 9	R. Bret	"	June 24	6	20	12	15	"
Con I	" 31	R. Vallade	Bourgeois/Sanche	May 27	4	10	12	12	"
Con VI	" 8	R. Leval	Trudeau & Fils	Aug. 20	6	10	31	24	D, S
Con VII	" 32	Lochiel School	B. W. Campbell	July 26	5	17	13	13	"
Con VII	" 7	A. Brodeur	Trudeau & Fils	July 25	6	10	18	13	"
Con VII	" 7	Comm. Scolaire # 2 & 4	"	Apr. 24	6	10	21	17	"
Con VIII	" 8	H. Mitchell	Ferguson Thresher	Oct. 21	5	8	27	27	"
Con VIII	" 15	E. Cadieu	V. Cossette	June 11	2	4	75	14	"
Con VIII	" 16	P. Barris	"	June 5	3	12	28	5	D, S
Con VIII	" 31	W. Bwing	Ferguson Thresher	July 11	5	6	55	17	"
Con IX	" 5	E. McNaughton	Trudeau & Fils	Sep. 24	6	5	45	21	"
Maxville	"	B. MacLeod	Ferguson Thresher	June 2	5	1	86	24	D
Maxville	"	Wm. Chisholm	"	July 14	5	12	10	10	"
Maxville	"	W. R. MacEwen	"	July 27	5	2	51	9	"
Maxville	"	Highville Dist. Highschool	"	Aug. 21	5	2	57	17	"
Maxville	"	"	"	Sep. 17	5	1	262	15	P
Maxville	"	"	"	Sep. 20	5	3	26	9	F

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GLENGARRY COUNTY-cont. Maxville - cont.	Maxville Area Pub.School Board	Ferguson Thresher	Nov. 7	5	12	15	3	Fresh	P	Red sand 16;hardpan 23;black slate 65. Water at 62.
Maxville	Munroe Bros.	"	Dec. 17	5						Sand 4;hardpan 29;black slate 96. Dry hole.
GRENVILLE COUNTY Augusta Twp.	E. Francis	L.O.Thompson	Jan. 12	5	17	25	15	Fresh	D	Black loam 3;brown clay 12;blue clay 15;light brown sandstone 40;black sandstone 70. Water at 40 and 70.
Con I	Prescott Const	R.H.Casselman	Mar. 10	5	17	30	18	"	D	Top soil 5;clay 13;clay sand gravel 18;limestone 55. Water at 45.
Con I	A.Hoeber	R.Kenny	Aug. 5	6	10	30		"	D	Clay 10;limestone 60. Water at 58.
Con I	D.Thurber	L.O.Thompson	Aug. 14	5	17	40	28	"	D	Black loam 2;brown clay 15;black slate 60. Water from 50 to 60.
Con I	W.Glow	C.V.Morrison	Oct. 15	4	8	20	20	"	D	Soil 1;clay 12;gravel 13;limestone 60. Water at 58.
Con I	L.Lloyd	R.H.Casselman	Oct. 23	5	20	18	12	"	D	Top soil 1;clay 9;gravel clay 12;limestone 65. Water at 55.
Con I	Prescott Const.	"	Nov. 7	5	20	18	12	"	D	Top soil 1;clay 9;gravel clay 12;limestone 66. Water at 44.
Con I	"	"	Nov. 13	5	20	21	14	"	D	Clay 14;limestone 61. Water at 51.
Con I	F.Fuerte	"	Nov. 21	5	20	17	13	"	D	Top soil 1;clay 5;boulders clay 8;broken shale 16;limestone 70. Water at 60.
Con I	V.Swerve	H.L.Davis	Aug. 10	5	10	25	15	"	D	Sand 18;sandstone 85. Water at 83.
Con I	G.Osseen	I.Singer & Sons	Aug. 12	5	15	25	22	"	D	Gravel 21;limestone 82. Water at 82.
Con I	G.McLean	H.L.Davis	Nov. 7	5	10	30	30	"	D	Clay 8;sandstone 72. Water at 70.
Con I	C.F.Dumbrille	R.Kenny	May. 8	6	10	30	15	"	D	Sandy loam 8;sandstone 60. Water at 57.
Con I	E.Walby	C.Morrison	Sep. 11	5	20	30	25	"	D	Dark soil 4;gravel 9;limestone 80. Water at 60 and 75.
Con I	C.F.Dumbrille	R.Kenny	Jan. 10	6	13	50	20	"	D	Sandy soil 16;sandstone 70. Water at 70.
Con I	G.Eberts	H.L.Davis	Mar. 9	5	10	30	20	"	D	Sand 16;sandstone 70. Water at 68.
Con I	T.Lugthart	R.Kenny	Aug. 23	5	5	50	20	"	D	Sandy soil 4;sandstone 100. Water at 100.
Con I	K.Perrin	C.Morrison	Sep. 2	6	5	30	10	"	D	Sandy soil 2;sandstone 50. Water at 48.
Con I	D.Bradley	L.O.Thompson	Sep. 8	5	15	41	38	"	D	Sandy soil 14;hardpan 39;sandstone 79. Water at 75.
Con I	H.Meyer	H.L.Davis	May. 7	5	10	10	10	"	D	Gravel 43. Dry hole.
Con I	C.Vickery	R.Kenny	Aug. 11	5	10	40	20	"	D	Sand 8;sandstone 50. Water at 48.
Con I	A.Spuy	E.H.Miller	Oct. 9	2	5	30	26	"	D	Sandy soil 1;sandstone 72. Water at 70.
Con I	A.Beet	R.Kenny	Nov. 26	6	15	30	20	"	D	Hard gray limestone 70;light gray quartz 121. Water at 121.
Con I	J.Plin	"	Dec. 16	6	20	80	4	"	P	Black soil 1;limestone 80. Water at 80.
Con I	B.Coates	"	Dec. 19	6	10	10	5	"	D	Clay 10;hard sandstone 114. Water at 114.
Con I	A.McGrady	R.H.Miller	Sep. 17	2	15	15	12	"	D	Sandy soil 5;sandstone 36. Water at 36.
Con I	S.W.Simpson	R.Kenny	Sep. 22	6	2	18	12	"	D	Sandy loam 2;light gray quartz 101. Water at 101.
Con I	A.Wilson	"	Nov. 7	6	10	30	15	"	D	Old well 24;light gray quartz 109. Water at 109.
Con I	L.Lockner	R.Kenny	Nov. 18	6	20	25	22	"	D	Brown clay 10;sandstone 70. Water at 70.
Con I	D.Stemans	R.H.Miller	Apr. 15	2	3	18	12	"	D	Clay with boulders 14;sandstone 75. Water at 75.
Con II	J.Robinson	I.Singer & Sons	Apr. 20	5	15	18	12	"	D	Dark gray limestone with quartz 149. Water at 149.
Con II	J.Vanderago	H.L.Davis	July 12	5	10	30	21	"	D	Gravel boulders 70;limestone 115. Water at 115.
Con II	W.Spock	"	July 12	5	10	35	25	"	D	Clay 15;limestone 113. Water at 111.
Con II	L.Brown	"	Apr. 17	5	10	35	25	"	D	Sand gravel 10;sandstone 60. Water at 58.
Con III	G.Bellis	I.Singer & Sons	Apr. 17	5	15	15	25	"	D	Hardpan 4;limestone 109. Water at 109.
Con III	M.Reynolds	R.H.Miller	Nov. 21	2	15	40	25	"	D	Red sand 3;soft limestone grey 38. Water at 38.
Con III	"	"	Dec. 21	2	15	15	10	Flows	D	Gray limestone 22. Water at 22.
Con III	D.Wert	I.Singer & Sons	May. 4	2	15	14	10	"	D	Sand 15;gravel 46;limestone 64. Water at 64.
Con III	R.W. Fall	R.H.Miller	Oct. 6	2	9	21	18	"	D	Medium coarse gravel 6;gray limestone 28;gray shale 62. Water at 62.

GRENVILLE COUNTY - cont.

August	Twp.	cont.	School S.#5	lot	H.L.Davis	Sep. 3	5	10	40	40	Fresh	P	Footnotes
Con III	lot 16	A.Coville	27	H.A.Stone	G.V.Little	Mar. 11	5	10	43	35	"	D	Sand 3; sandstone 11 1/4; Water at 112.
Con III	"	"	30	"	"	Feb. 28	5	5	5	27	"	D	Overburden 4; shale 7; limestone 79. Water at 77.
Con IV	"	"	"	"	"	"	5	5	5	27	"	D	Sandy loam 2; hardpan 11; grey limestone 35; grey sandstone 64. Water at 28 and 64.
Con IV	"	E.Stephenson	1	"	I.Simzer & Sons	May 9	5	15	22	18	"	D	Hardpan boulders 14; limestone 83. Water at 83.
Con IV	"	Donville	5	"	M.L.Davis	Jan. 30	5	15	20	7	"	P	Brown loam 1; yellow sand 20; blue clay boulders 42; black sandstone 70. Water at 70.
Con IV	"	G.Breckenridge	16	"	R.H.Miller	Apr. 8	2	24	10	6	"	D	Clay small boulders 15; soft grey limestone 51. Water at 51.
Con IV	"	R.Servage	20	"	"	July 29	2	10	10	6	"	D	Grey clay 2; soft grey limestone 56. Water at 56.
Con IV	"	M.Cortlie	29	"	T.L.Davis	July 25	5	10	12	8	"	D	Soil 2; limestone 65. Water at 62.
Con IV	"	P.Stephenson	29	"	"	Aug. 13	5	10	15	12	"	D	Soil 2; limestone 50. Water at 48.
Con V	"	O.Gilliam	3	"	C.V.Morrison	Sep. 2	4	8	10	10	"	D	Soil 1; sand 10; blue clay 43; gravel 44; limestone 53. Water at 52.
Con V	"	W. Brown	4	"	"	Aug. 27	4	8	25	25	"	D	Fine sand 36; fine gravel 50; blue clay 60; coarse gravel 82; limestone 38. Water at 135.
Con V	"	T.Siderius	25	"	G.V.Little	May 5	5	10	19	19	"	D	Clay loam 4; hardpan large boulders 33 1/2; grey limestone 80. Water at 44 and 80.
Con V	"	O.A.Stewart	28	"	C.Morrison	July 29	5	22	23	17	"	D	Fill 3; gravel 8; sandstone 82. Water at 52 and 77.
Con V	"	B.Jawson	29	"	"	June 19	2	20	28	26	"	D	Dark soil 3; limestone 15; sandstone 55. Water at 50.
Con V	"	H.Yout	34	"	R.H.Miller	July 28	5	6	15	8	"	D	Old well 28; soft grey shale 105. Water at 105.
Con VI	"	A.Rumery	32	"	T.L.Davis	May 26	5	10	20	11	"	D	Soil 2; shale 8; limestone 64. Water at 62.
Con VI	"	H.Place	33	"	H.L.Davis	Feb. 13	5	10	25	20	"	D	Sand 1; grey sandstone 60. Water at 58.
Con VI	"	H.Tanney	34	"	"	Feb. 21	5	10	30	6	"	D	Clay 30; grey sandstone 52. Water at 50.
Con VII	"	T.Kelso	4	"	I.Simzer & Son	Jan. 19	5	15	30	18	"	D	Hardpan boulders 15; limestone 95. Water at 95.
Con VII	"	C.Whitley	7	"	"	June 30	5	15	10	8	"	D	Clay 15; hardpan boulders 23; limestone 59. Water at 59.
Con VII	"	"	7	"	"	Dec. 5	5	15	8	5	"	D, S	Hardpan; limestone 69. Water at 69.
Con VII	"	D.Cummings	11	"	R.H.Miller	Apr. 30	2	7	17	12	"	D	Grey limestone 62. Water at 62.
Con VII	"	L.Dake	13	"	"	Apr. 29	2	6	22	5	"	D	Sandy loam 2; grey limestone 50. Water at 50.
Con VII	"	J.Ludlow	17	"	"	July 15	5	15	25	20	"	D	Hardpan 1; limestone 97. Water at 97.
Con VII	"	T.Degroot	33	"	I.Simzer & Sons	July 23	2	15	22	19	"	D, S	Grey clay 10; gravel boulders 21; grey shale 74. Water at 74.
Con VII	"	B.Borger	19	"	I.Simzer & Sons	Oct. 12	5	15	37	18	"	D	Hardpan 2; hardpan 13; grey limestone 57. Water at 33 and 57.
Con VII	"	H.Groenwald	29	"	G.V.Little	Feb. 18	5	10	30	20	"	D	Earth 2; hardpan 13; grey limestone 57. Water at 33 and 57.
Con VIII	"	N.Langtry	29	"	T.L.Davis	Oct. 16	5	10	20	17	"	D	Gravel 12; limestone 82. Water at 80.
Con VIII	"	Con School	33	"	C.V.Morrison	July 9	4	18	10	10	"	P	Clay sand 10; sandy limestone 63. Water at 60.
Con VIII	"	Bell Telephone	34	"	I.Simzer & Sons	July 3	4	15	10	6	"	P	Clay 30; limestone 42. Water at 42.
Con IX	"	J.Travaneano	34	"	C.V.Morrison	Oct. 10	4	5	8	7	"	D	Stones soil 6; clay boulders 36; limestone 89. Water from 80 to 89.
Edwardsburg Twp.	lot 2	E.Morian	29	"	R.H.Casselman	Sep. 29	5	20	30	23	Fresh	D	Top soil 1; sand 6; clay 13; boulders sand clay 56; limestone 102. Water at 95.
Con I	"	J.Colligan	5	"	"	Oct. 16	5	15	65	15	"	D	78. Clay 3; hard limestone 65. Water at 65.
Con I	"	D.Dewar	30	"	R.Kenny	Sep. 12	6	10	10	5	"	Ind	Fill 3; limestone 63. Water at 53.
Con I	"	McColl Fronte-nac Oil Co.	31	"	R.H.Casselman	Feb. 9	5	17	9	3	"	"	Excavation 17; gravel sand clay 30; rock layers 34; limestone 196. Water at 180.
Con I	"	Tor-Elevators	31	"	"	May 31	8	100	37	14	"	"	Open trench 5; hardpan 12; sandstone 106. Water at 100.
Con I	"	C.Leader	36	"	"	Sep. 29	5	15	50	40	"	D	Hardpan 12; limestone 52. Water at 52.
Con I	"	G.Kirkey	36	"	I.Simzer & Son	Dec. 15	5	15	20	14	"	D	Hardpan boulders 23; gravel clay sand 48; limestone 64 1/2.
Con II	"	R.Alger	6	"	R.H.Casselman	May 8	5	17	20	12	"	D	Water at 54.
Con II	"	L.Lafoley	26	"	C.V.Morrison	Nov. 5	4	7	5	0	"	D	Soil 2; sand gravel 5; limestone 49. Water at 47.
Con II	"	J.Rust	21	"	"	Aug. 14	4	7	15	15	"	D	Sandy loam 7; limestone 72. Water from 60 to 72.
Con III	"	K.Lawless	23	"	"	Aug. 11	4	7	4	4	"	D	Clay boulders 23; limestone 55. Water at 50.
Con IV	"	RC School S#11	23	"	"	July 4	4	4	4	4	"	P	Clay boulders 52; limestone 104. Water at 102.
Con V	"	P.Sommerdyke	35	"	I.Simzer & Sons	Jan. 29	5	15	25	10	"	D, S	Sand 4; clay 20; limestone 81. Water at 81.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GRENVILLE COUNTY-cont. Edwardsburg Twp.-cont.	Con VI lot 26	I. Simzer & Sons	July 8	5	15	15	7	Fresh	D	Hardpan 15; limestone 40. Water at 40.
	Con VI lot 26	J.B. Dufresne	July 22	6	2	90	20	"	D	Clay 6; limestone 100. Water at 95.
	Con VI lot 26	I. Hogan	July 22	5	10	15	15	"	P	Soil 1; sandy limestone 95. Water at 92.
	Con VI lot 26	C.V. Morrison	Sept. 16	4	3	10	15	"	P	Clay 1; limestone 39. Water at 37.
	Con VI lot 26	J.B. Dufresne	July 25	6	13	30	15	"	D	Hardpan 28; limestone 101. Water at 101.
	Con VI lot 30	I. Simzer & Sons	May 19	5	15	25	15	"	P	Clay 18; limestone 110. Water at 108.
	Con VI lot 30	H.L. Davis	July 24	5	10	15	15	"	D,S	Sand 4; limestone 73. Water at 73.
	Con VII lot 29	I. Simzer & Sons	Nov. 12	5	15	15	8	"	D,S	Hardpan 1; limestone 56. Water at 56.
	Con IX lot 16	M. Selleck	Jan. 3	5	15	14	8	"	D	Clay 20; limestone 35. Water at 35.
		G. Nitschke	Oct. 17	5	10	20	18	Fresh	D	Previously drilled 47; limestone 67. Water at 67.
		N. Lackie							D	Clay 12; limestone 45. Water at 45.
		N. Lackie	Oct. 11	5	6	Flows	Flows	Fresh	D	Clay 28; limestone 108. Water at 108.
		"	May 25	5	10	22	18	"	D	Sand 10; clay 30; gravel 36; limestone 50. Water at 50.
		"	Sept. 12	5	15	2	12	"	D,S	Clay 39; gravel 48. Water at 48.
		"	Sept. 30	5	15	2	12	"	D	Loam 7; limestone 50. Water at 48.
Oxford Twp.	Con I lot 3	F. Dawe	Oct. 11	5	6	Flows	Flows	Fresh	D	Gravel clay boulders 20; grey limestone 55. Water at 50.
	Con I lot 3	H. Reddick	May 25	5	10	4	1	"	D	Clay 11; limestone 48. Water at 48.
	Con I lot 5	R. Neil	Sept. 12	5	10	22	16	"	D	Clay boulders 34; black limestone 82. Water at 82.
	Con I lot 5	J. Feenstra	Sept. 30	5	15	2	15	"	D	Brown clay boulders 20; gravel boulders 30; light grey lime- stone 96. Water at 96.
	Con II lot 18	L. Harris	Sept. 7	5	15	2	10	"	D	Dug 20; clay 35; gravel 52. Water at 52.
	Con II lot 24	I. Simzer & Sons	May 2	5	4	9	28	"	D,S	Clay boulders 35; gravel 44; black limestone 64; sandstone 84; grey limestone 117. Water at 115.
	Con III lot 20	H.J. Rathwell	July 10	5	10	10	20	"	D,S	Dug 30; gravel 31; limestone 136. Water at 136.
	Con III lot 30	G. Carlton	July 10	5	10	12	32	"	C	Limestone 90. Water at 85.
	Con III lot 30	R. Bradley	Sept. 29	4	7	12	12	"	D	Clay boulders 17; grey limestone sandstone 80; black limestone 112. Water at 112.
	Con IV lot 26	C.V. Morrison	Jan. 5	6	17	20	4	"	D	Clay boulders 7; grey limestone 80; black limestone 115. Water at 115.
	Con IV lot 29	Twp. School Area						"	D,S	Sand boulders clay 58; limestone 97. Water at 90.
	Con IV lot 30	N. Lackie	July 3	5	10	35	16	"	P	Clay 5; grey limestone 97. Water at 95.
	Con V lot 27	D. Jay	Dec. 20	5	7	10	20	"	D,S	Sand 15; clay gravel 73; limestone 96. Water at 96.
	Con V lot 28	H.J. Rathwell	Apr. 21	2	6	12	15	"	P	Hardpan 12; limestone 141. Water at 141.
	Con V lot 30	R.H. Miller	Dec. 22	5	10	22	10	"	D	Old well 27; hardpan boulders 38; hard grey limestone 119.
South Gower Twp.	Con V lot 30	N. Lackie	Dec. 22	5	2	28	28	"	D	Dry hole.
	Con VI lot 22	H. Beach	Nov. 26	5	15	40	20	"	D	Clay stones 4; grey limestone 57. Water at 50.
	Con VII lot 27	J. Lecher	July 28	6	4	4	10	"	D	Clay 2; white limestone 47. Water at 47.
	Con VIII lot 27	G. Embrey	Nov. 15	5	7	32	32	"	D	Sandy loam 3; grey limestone 40; grey shale 87. Water at 87.
	Con VIII lot 27	G. Rappell	Dec. 7	5	7	10	10	"	D,S	Clay 15; sand gravel 44. Water at 44.
	Con IX lot 19	G. Gordon	Jan. 9	6	8	60	20	"	D,S	Dug 24; clay hardpan 33; grey limestone 110. Water from 70 to 110.
	Con IX lot 27	Millars Corn. School S. #17	Jan. 8	6	17	30	5	"	D	Brown clay 5; soft grey shale 63. Water at 63.
	Con I lot 7	E. Cowden	Sept. 22	5	25	Flows	Flows	Fresh	D,S	
	Con II lot 7	School S. #1	Aug. 22	5	15	60	19	"	P	
	Con IV lot 10	G. Christie	Jan. 30	2				"	D	
	Con VII lot 8	R. Lemire	June 22	6	4	50	25	"	D	
Wolford Twp.	Con B lot 23	E. Lackey	Mar. 25	5	8	10	3	Fresh	P	
	Con I lot 9	W. Dewitt	Jan. 16	2	10	22	17	"	D	
	Con I lot 18	N. Lackie	May 12	5	7	12	10	"	D	
	Con I lot 24	C.V. Morrison	Mar. 3	4	7	12	10	"	D,S	
	Con I lot 30	R.H. Miller	July 7	2	10	15	4	"	D	
		N. Lackey							P	
		R.H. Miller							D	

GRENVILLE COUNTY- cont.

Wolford Twp. cont. Con I Con II Con III	P. Morrison lot 30	July 18	4	5	8	3	Fresh	D	Soil 2:limestone 40;sandy limestone 84. Water from 70 to 84. Dug well 10:clay 18;sandstone 89. Water from 50' to 89. Sandy loam 4;shale 17;grey limestone 50;black limestone 55. Water at 55. Old well 37;grey limestone 97. Water at 97.
	L. Cross " 19	Nov. 24	4	5	25	0	"	D	
	H. Rathwell " 12	Dec. 31	5	7	10	5	"	S	
	L. Hughes " 19	Aug. 27	2	8	15	1	"	D	
GREY COUNTY Artemesia Twp. Con IX Con X Con X Con X Con X Con X	A. Coaton lot 29	July 11	5	6	18	18	Fresh	D	Boulders clay hardpan 15;loose brown limestone 29. Water 28. Clay large boulders 36;brown limestone 52. Water at 50. Clay boulders 10;brown limestone 20. Water at 40. Boulders clay 11;brown limestone 20. Water at 52. Boulders clay 18;brown limestone 45. Water at 44. Boulders clay 5;brown limestone 20. Water at 19. Loose limestone 15;brown limestone 35;white limestone 97. Water at 95.
	G. Orchard " 27	Aug. 4	4	6	43	43	"	D	Top soil 4;clay stones 57;gravel 60;clay stones 74;gravelly hardpan 164;broken rock 167;light grey limestone 212. Water at 175 and 205.
	C. Hogg " 28	July 13	5	6	7	22	"	D	Loam 5;gravel stones 15;sandy gravel 25;gravel 34. Water from 30 to 34.
	J. Roe " 28	July 18	5	6	24	7	"	D, S	Gravel 40;sand 120;hardpan 160;shaly rock 180;brown limestone 197. Water at 195.
Bentinck Twp. DRN Con I DRS Con I DRS Con I DRS Con II GRW Con I GRW Con I GRW Con II GRW Con II	D. Sinclair " 150	June 24	4	6	105	100	"	D	Dug 22;clay stones 45;sandy clay 55;sand 115;sand gravel 132; sandy clay 175;brown clay 188;sand 194;soft grey limestone 222. Water at 210.
	R. Luchart lot 49	July 2	4	19	60	43	Fresh	D	Gravel stones 40;coarse sand gravel 52;coarse sand 75;fine sand 83;gravel 90;gravel sand 115;coarse gravel 121;grey limestone 141. Water at 135.
	J. Nuhn " 61	June 17	6	16	35	19	"	P	Clay boulders 50;soft clay hardpan 100;blue clay 146;blue limestone 149. Water at 149.
	M. Hunsperger " 26	May 11	4	6	61	61	"	D, S	Top soil 2;hardpan boulders 65;coarse sand 74;grey clay 115; gravel 117;dark grey sand 120;grey shale 138. Water at 130.
Chatsworth Collingwood Twp. Con I	A. Thompson " 53	July 11	4	5	70	38	"	D	Loose limestone 16;grey limestone 35. Water at 25. White bedrock 13;grey limestone 80;brown limestone 130. Water at 93.
	A. E. Hardy " 1	Aug. 28	4	10	11	10	"	D	Gravel 40;sand 85;white limestone 93. Water at 93.
	C. Mighton " 16	May 7	4	10	30	30	"	D, S	Clay loose boulders 35;gravel hardpan 90;large boulders 95;dark brown limestone 115;light brown limestone 144. Water from 113 to 144.
	W & S Lind " 42	Sep. 29	4	6	24	24	"	P	Gravel boulders 60;sand gravel 85;stones hardpan 100;silt gravel 106;dark limestone 170. Water at 160.
Chatsworth	Ont. Dept. of Highways " 57	Feb. 20	7	20	30	21	"	D	Top soil 4;sand gravel 20;boulders gravel 30;sandy clay 42; grey limestone 44;white limestone 64. Water at 64. Hardpan clay 20;grey limestone 48. Water at 48.
	J. Barch " 39	Apr. 20	4		50	40	"	D	Brown clay loam 6;brown clay 17;quicksand 27;grey clay 77; clay coarse gravel 83;soft grey clay 89;coarse gravel 90. Water at 90.
	K. Hutton " 1	July 4	4	15	25	20	Fresh	D	
	G. Monk " 1	Aug. 1	4	10	25	20	"	D	
Collingwood Twp. Con I	R. Nimmo lot 2	Sep. 16	4	4	80	Flows	Fresh	D	
	A. Harvie lot 2	Sep. 16	4	4	80	Flows	Fresh	D	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Collingwood Twp. cont. Con I	M. Logan	C. Bartley	July 1	4	4	27	14	Fresh	D	Sand 10; blue clay small stones 27; white limestone 31. Water at 27.
Con I	C. Ferguson	"	Sep. 14	5	10	16	14	"	D	Sand 16; blue clay stones 20; white limestone 41. Water at 38.
Con I	G. Moore	"	July 10	5	5	37	9	"	D	Sand 10; blue clay 16; limestone 39. Water at 39.
Con I	F. Hebert	"	July 21	4	5	38	6	"	D	Sand 20; rock 32. Water at 30.
Con I	W. Hebborn	"	July 28	4	5	8	6	"	D	Sand 22; limestone 30. Water at 30.
Con II	J. Philip	Abercrombie & Jackson	Nov. 25	4	5	8	6	"	D	Red clay 2; stony grey hardpan 72; blue clay 80; stony blue clay shale 160. Dry hole.
Con II	"	"	Dec. 1	4	4	8	6	"	D	Red clay 2; stony grey hardpan 72; blue clay shale 80. Dry hole.
Con II	R. Burmister	R. Nimmo	May 13	4	4	30	2	"	D	Sand 5; grey clay 11; limestone 20. Water at 17.
Con II	W. Day	"	May 22	4	4	30	2	"	D	Sand 3; hardpan 7; limestone 36. Water at 10.
Con II	J. R. Holman	"	May 27	4	4	6	6	"	D	Gravel 4; shale 8; limestone 30. Water at 11.
Con II	J. McLean	"	Aug. 12	4	4	8	6	"	D	Sand 7; shale 8; grey limestone 28. Water at 15.
Con II	M. Currie	C. Bartley	Sep. 4	5	8	14	10	"	D	Black loam black shale 8; black shale 12; white limestone 65. Water at 63.
Con II	D. Fraser	C. Bartley	Dec. 10	4	6	10	4	"	Ind	Fine sand 7; limestone 21. Water at 18.
Con III	G. Anvelt	Abercrombie & Jackson	Aug. 1	4	4	20	10	Fresh	D	Sand 25; grey hardpan 60; shale 200. Dry hole.
Con III	"	"	Aug. 3	4	1	20	10	"	D	Gravel sand 3; shale 9; grey limestone 33. Water at 25.
Con III	W. Purves	R. Nimmo	Aug. 19	4	4	11	8	"	D	Brown clay 7; shale 16; limestone 26. Water at 18.
Con VI	H. Miller	"	May 12	4	4	68	58	"	D	Clay loam 6; brown clay stones 15; grey clay stones 77; coarse gravel 78. Water at 78.
Con X	G. Mitchell	"	Oct. 20	4	4	25	20	"	D, S	Loam 5; brown stony hardpan 35; blue stony hardpan 80; blue clay 120; blue shale 140. Water at 130.
Con XII	M. Marrit	Abercrombie & Jackson	Oct. 30	4	6	25	20	"	D	Loam 5; brown clay 30; sand 100. Dry hole.
Con XII	G. South	"	Nov. 4	4	5	85	85	"	D	Hard clay stones 120; grey shale 125. Water at 125.
Con XII	J. Gardener	M. S. Bellerby	Sep. 1	8	5	85	85	"	D	
Derby Twp.										
Con I	R. Heft	Wright Bros.	Nov. 5	4	10	25	4	Fresh	D	Top soil 1; white limestone 25; blue limestone 87. Water at 87.
Con I	T. Shaw	"	June 13	4	7	100	85	"	D	Top soil 3; limestone 10; white limestone 30; grey limestone 70; blue limestone 109; blue clay 110. Water at 80 and 109.
Con I	D. Carleton	"	June 21	4	1	100	20	"	D	Top soil 4; white limestone 30; grey limestone 60; blue limestone 96; blue shale 100. Water at 30 and 100.
Con I	W. Harrison	"	July 28	4	2	80	55	"	D	Top soil 1; white limestone 60; blue limestone 70; blue shale 75; red shale 80. Water at 70 and 80.
Con II	W. Moulton	"	Sep. 25	4	10	80	50	"	D	Hardpan stones 20; gravel stones 35; red clay sand 50; grey sandy clay 110; red shale 122; shaly rock 124. Water at 124.
Con IV	L. Vance	"	Oct. 26	4	10	20	12	"	D	Top soil 4; grey limestone 40; blue limestone 62. Water at 62.
Con VI	W. Downs	D. Wright & Sons	Sep. 5	4	10	12	16	"	D	Gravel 6; grey limestone 70. Water at 62.
Con VI	D. Witherspoon	Wright Bros.	July 22	5	12	74	15	"	D	Soil 10; limestone 74. Water at 60.
Con IX	C. Fleming	D. Wright & Sons	Sep. 9	4	10	17	17	"	D, S	Gravel boulders 7; limestone 32. Water at 25.
Con IX	J. Frommenger	"	June 6	4	10	49	28	"	D	Boulders gravel 30; grey limestone 77. Water at 61.
Dundalk										
Con I	Shell Gas Stn.	M. S. Bellerby	Sep. 9	5	10	45	35	Fresh	C, D	Clay hardpan boulders 60; white limestone 87. Water at 87.
Egremont Twp.										
Con XX	H. Aumann	Durham Drillers	Nov. 18	4	5	80	32	Fresh	D	Dug 40; hardpan boulders 95; fine sand 142; grey limestone 222. Water from 145 to 200.
GRE Con I	J. Biggs	"	Dec. 3	4	20	60	54	"	C	Gravel boulders 20; coarse sand gravel 35; hardpan 92; brown clay 100; hardpan 148; brown limestone 190. Water at 180.
Euphrasia Twp.										
Con II	E. Dawn	Abercrombie & Jackson	Aug. 7	4	6	60	50	Fresh	D, S	Loam 5; red clay 25; limestone 50; blue shale 55; red clay 80. Water at 55.



Con III Con VII	E.Dawn V.Hodgkinson P.Pawcett	Dec. 18 Sep. 11 Aug. 7	4 4 4	6 6 6	14 25 25	Flow 25 25	Fresh " "	D,S D,S D,S	Loam 5;sand gravelly hardpan 25;limestone 51;blue clay 56; red clay 81. Dry hole. Clay 6;stony hardpan 66;gravel 74. Water at 70. Clay loam 5 stony grey hardpan 31;limestone 63. Water at 63. Dug 24;gravel 34;sand 130;limestone 162. Water at 162.
Flesherton	A.Rolstin	Jan. 31	4	6	16	16	Fresh	D	Dug 27;gravel 44. Water at 37. Gravel clay 12;fine sand 35;fine grey sand 60;fine sand 70; coarse gravel 89. Water from 85 to 89. Clay hardpan boulders 75;loose rock 85;brown limestone 105. Water at 104.
Flesherton	G.Cornfield Ont.Dept. of Highways.	Feb. 19 Mar. 9	4 7	8 30	24 10	24 6	" "	D P	
Flesherton	C.Melgrum	Aug. 26	4	1	Flows	Flows	"	D	
Glenelg Twp. Con VII Con IX	E.McCarthy E.Melosh	Oct. 20 Nov. 12	4 4	6 45	35 42	25 42	Fresh "	D,S D,S	Gravel 30;hardpan boulders 72;white limestone 82. Water at 82. Gravel 35;clay hardpan boulders 76;white limestone 111. Water at 110.
Con XI Con XII	M.W.Baker H.Wilson	Sep. 7 Apr. 15	4 4	6 5	55 45	50 16	" "	D,S D,S	Gravel 10;clay, hard boulders 85;shaly rock 92. Water at 92. Clay boulders 40;quicksand 41;hardpan 80;brown limestone 94. Water at 90.
GRE Con I	C.Melvige	Apr. 7	4	10	10	3	"	D	Gravel stones 20;brown limestone 57;hard blue limestone 80; brown limestone 116. Water from 110 to 116. Gravel stones 12;cream limestone 30;white limestone 81. Water at 77.
GRE Con II	J.Breen	May 25	4	6	15	4	"	D	Hard head boulders clay 14;white limestone 65. Water at 64. Hardpan boulders 52;coarse sand 75;gravel 79;hard limestone 34. Water at 90.
GRE Con II GRE Con III	J.Schutz S.Laughlin	June 5 Sep. 9	4 4	6 4 1/2	13 80	3 56	" "	D D	
Hanover	Hanover P.U.C.	Jan. 30	5					T	Top soil 1;fine sand 5;sand gravel 7;red clay 9;blue clay 26; sandy blue clay boulders gravel 39;sandy blue clay boulders gravel 45;sandy blue clay gravel 54;cemented sand gravel blue shale 60;cemented sand gravel boulders blue shale 64;hard sandy blue clay 92;brown limestone 92 1/2.
Hanover	"	Feb. 10	5					T	Top soil 1;sand 3;boulders sand gravel 6;old wood sand gravel 14;soft blue clay 34;sandy blue clay gravel 79;gravel sand 81;sandy blue clay 89;cemented sand gravel sandy blue clay 91;sandy blue clay gravel hard packed 110;blue shale cemented sand gravel 140.
Hanover	"	Feb. 16	5					T	Sand gravel boulders 9;red and blue clay 20;blue clay 36; blue clay gravel boulders 54;sandy blue clay hard packed 78; cemented sand gravel 86;sandy blue clay 88;brown limestone 90.
Hanover	"	Feb. 19	5			Flows		T	Fine sand 6;soft sandy blue clay 57;hard sandy blue clay 115;soft blue clay 117;cemented sand gravel boulders gravel 125;cemented sand gravel 127;blue shale brown limestone 137. Water at 125.
Hanover	"	Mar. 11	2	2		Flows		T	Sand 4;old wood sand 6;boulders gravel sand 9;soft blue clay 44;sandy blue clay gravel 71 1/2;gravel boulders sand clay hard packed 74;blue clay gravel 77;gravel sand boulders clay hard packed 82;sandy blue clay gravel 84;cemented sand gravel 92. Water at 77.
Holland Twp. GRE Con I GRE Con I	O.Lipskie St.James Lutheran Church	Sep. 11 Oct. 21	4 4	8 6	42 33	42 33	Fresh "	D P	Sand gravel stones 35;shale 50;light brown rock 59 1/2. Water at 59 1/2. Gravel clay 20;shaly rock 39;grey rock 46. Water at 45.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY- cont. Holland Twp. cont.										
GRE Con I lot 25	R.S.Miller	Durham Drillers	June 8	4	18	47	37	Fresh	D	Hardpan boulders 27; soft brown limestone 81½. Water at 60 and 75.
GRE Con II " 3	T.Hodgson	Wright Bros.	Aug. 8	4	7	70	30	"	D,S	Top soil 5; hardpan stones 50; fine sand clay 100; limestone 107. Water at 107.
GRE Con II " 14	Ont.Hog Prod.	"	July 29	4	10	40	20	"	S	Hardpan 10; clay stones 18; hard clay 20; white limestone 65. Water at 65.
GRE Con II " 65	P.R.Sabey	"	Apr. 28	4	18	40	10	"	D	Clay stones gravel 52; limestone 92. Water at 85.
GRE Con III " 1	R.Turner	Wm.Wright	Nov. 21	4	15	8	8	"	D	Gravel boulders 20; grey clay 80; limestone 90. Water at 90.
Keppel Twp.										
CR lot 38	R.Winters	D.Wright & Sons	June 19	6	18	10	10	Fresh	D	Clay gravel 12; clay 20; shale 55. Water at 45.
Con A " 1	P.Heathers	Wm.Wright	Apr. 20	4	10	30	12	"	D	Clay 6; grey limestone 80. Water from 70 to 80.
Con A " 26	"	"	Apr. 21	4	10	14	12	"	D	Clay 4; brown limestone 80. Water at 70 to 80.
Con IV " 20	R.Burwell	"	Aug. 5	4	6	31	31	"	D	Large stones clay 15; grey limestone 82. Water at 75.
Con VII " 11	V.Barfoot	"	July 28	4	2	90	24	"	D	Clay gravel boulders 16; grey limestone 94. Water at 60 and 80.
Con XXI " 41	P.Davenport	L & A Wright	June 8	5	27	27	5	"	D	Top soil 5; limestone 27. Water at 8.
Con XXII " 11	R.McComb	Wright Bros.	Oct. 9	5	12	48	21	"	D	Top soil stones 19; clay 25; stones gravel 29; limestone 48. Water at 40.
ORN Con II " 3	H.Sipes	Wm.Wright	Aug. 26	4	2	125	38	"	S	Dug 25; grey limestone 110; blue shale 116; red shale 136. Water at 60 and 130.
ORN Con II " 8	A.Johnston	"	July 31	4	6	30	30	"	D	Clay stony gravel 16; grey limestone 8. Water at 40 and 75.
Mesford	A.H.Hez	Abercrombie & Jackson	Apr. 30	4						Dug 10; sand 35; stony grey clay 60; stony blue clay 100. Dry hole.
Neustadt	R.Clayton	E.A.Keeso	Feb. 19	4	9	34	Flows	Fresh	D	Gravel clay 17; shale 35; brown blue limestone 41. Water at 41.
Neustadt	A.Kaufman	"	Nov. 28	4	10	4	"	"	D	Clay 26; blue shale 28; blue limestone 31. Water at 31.
Normanby Twp.										
Con II lot 66	L.Williamson	E.A.Keeso	Mar. 20	4		34	34	Fresh	S	Clay 14; hardpan 37; hardpan boulders 58; hardpan 92; sand 109; brown shale 117; brown blue limestone 136. Water at 136.
Con V " 7	A.Preis	"	Nov. 23	4	10	18	16	"	D	Clay sand 21; gravel stones 43; brown shale 49; brown blue limestone 62. Water at 60.
Con VIII " 4	Glasser Bros.	"	May 12	4	8	36	21	"	D	Gravel clay 19; gravel 27; blue shale 61; blue limestone 93. Water at 84 and 93.
Con XIII " 16	School S.# 5	"	Dec. 22	4	14	30	28	"	P	Clay 21; quicksand 49; sandy gravel 63; blue shale 92; blue limestone 102. Water at 102.
GRW Con III " 64	E.Weber	Durham Drillers	Dec. 15	4	10	25	19	"	D	Top soil 4; hardpan boulders 28; sand gravel 32; hardpan 70; brown limestone 94. Water at 90.
Osprey Twp.										
Con V lot 11	E.Smitticks	Durham Drillers	Oct. 19	4	10	25	15	Fresh	D	Hardpan 25; broken rock 33; brown limestone 46. Water at 40.
Con VI " 10	C.Young	Abercrombie & Jackson	Aug. 15	4	6	42	42	"	D	Dug 7; gravel 17; grey hardpan 37; loose limestone 57; hard limestone 70. Water from 60 to 70.
Con XI " 14	M.Hindle	"	Apr. 1	4	6	18	18	"	D,S	Dug 28; limestone 38. Water at 36.
DEN Con III " 28	B.Coe	"	Mar. 23	4	8	37	37	"	D,S	Dug 34; gravel 54; sand 80; quicksand 115; sand gravel 145; limestone 157. Water at 156.

SEELY COUNTY - cont.

Owen Sound		E. Jones	Wm. Wright	Aug. 14	5	10	20	5	Fresh	D	Stones 3; blue shale 26. Water from 20 to 25.
Owen Sound		W. Jones	"	Aug. 15	4	2	29	5	"	D	Stones 4; blue shale 29. Water at 25.
Proton Twp.											
Con X	lot 8	School S. #4	Abercrombie & Jackson	Aug. 27	4	8	36	6	Fresh	P	Loam 4; hardpan 24; gravel 44; sand 59; coarse sand 69; grey limestone 85. Water from 80 to 85.
Con XVI	" 8	Swinton Park	"	Apr. 9	4	6	14	14	"	P	Loam 5; sandy clay 15; quicksand 35; dry sand 45; coarse sand 50. Water from 45 to 50.
Con XVI	" 22	R. Bull	M. S. Bellerby	June 22	5	8	75	Flows	"	D, S	Hardpan boulders 90; limestone 135. Water at 135.
St. Vincent Twp.											
Con V	lot 2	School S. #14	C. Bartley	Aug. 13	5	5	27	21	Fresh	P	Top soil 1; brown clay 4; limestone 36; red hardpan 70; black shale 72. Water from 70 to 72.
Con VI	" 12	School S. #4	Abercrombie & Jackson	May 14	4	4	37	37	"	P	Clay 5; sand 25; grey hardpan 100; stony hardpan 125; gravel 126. Water at 126.
Con VI	" 18	B. Keill	"	May 8	4	2		Flows	"	D	Dug 12; clay stones 62; coarse sand 72; sand 76. Water from 72 to 76.
Con VII	" 13	R. Tomlinson	"	Oct. 20	4				Fresh	D, S	Grey hardpan 20; grey stony hardpan 220; grey gumbo 250. Dry hole.
Con X	" 10	E. Belrose	"	Sep. 1	4	6	70	57	Fresh		Loam 5; stony grey clay hardpan 105; gravel coarse sand 112. Water at 107.
Sarawak Twp.											
Con II	lot 8	D. McBride	Wright Bros.	July 23	4	10	25	17	Fresh	D	Sandy topsoil 10; hardpan stones 20; grey clay 25; limestone 41. Water at 41.
Con III	" 8	F. Deacon	"	June 23	4	15	15	15	"	D	Sand 3; grey hard clay 27; gravel stones 30. Water at 30.
Con III	" 12	Wm. Brown	Wm. Wright	Sep. 5	4	2	60	20	"	D	Blue clay 30; red shale 75. Water at 50 and 70.
Shallow Lake		M. Schnurr	Wm. Wright	Apr. 15	4	10	5	4	Fresh	P	Clay gravel boulders 12; brown limestone 48. Water at 42.
Shallow Lake		W. Lester	"	July 2	4	6	6	6	"	D	Clay gravel boulders 12; grey limestone 44. Water at 35.
Shallow Lake		S. Harrison	"	Aug. 12	4	6	22	20	"	D	Clay stony gravel 15; grey limestone 55. Water from 50 to 55.
Sullivan Twp.											
Con III	lot K	K. Sutherland	D. Wright & Sons	Oct. 10	4	10	21	17	"	D	Boulders clay 14; grey limestone 50. Water at 46.
Con III	" 15	Dept. of Lands & Forests	Wright Bros.	July 15	5	20	5	Flows	Fresh	D	Top soil 5; sand 30; gravel stones 67; hardpan stones 80; sandr clay 115; clay fine stones 144; grey limestone 148. Water at 148.
Con III	" 15		C. Goodberry Well Drilling	Mar. 20	7	30	15	"	"	P	Fill 4; blue clay 12; fine grey sand 40; coarse stones 50; boulders 36; broken limestone 64; white limestone 78; grey limestone 86; light grey limestone 93. Water at 87.
Con VI	" 28	W. Mastie	L. H. Weirmier	July 7	4	6	65	60	Fresh	D, S	Gravel 30; sand clay 60; sand Gravel 78; light dark grey rock 95. Water at 90.
Con VII	" 16	C. Lipskie	"	June 17	4	8	20	20	"	D, S	Boulders red clay 35; soft rock 38; grey limestone 50. Water 48.
Con X	" 12	Wm. Kiages	Wright Bros.	Sep. 2	5	8	73	20	"	D	Soil stones 14; blue hard rock 73. Water at 20.
Con XII	" 19	E. Ash	L. H. Weirmier	Apr. 29	4	6	42	12	"	D, S	Gravel clay stones 17; grey clay 20; gravel stones clay 30; grey clay stones 60; soft brown rock 70; light grey rock 136. Water at 90, 115 and 135.
GRW Con I	" 1	C. Subject	Wright Bros.	Sep. 5	4	10	38	36	"	D	Top soil 3; hardpan stones 20; sandy clay boulders 35; stones gravel 40; gravel boulders 50; grey limestone 60; blue limestone 75. Water at 75.
Sydenham Twp.											
CRN Con I	lot 34	D. R. Williams	Wm. Wright	July 3	4	3	20	6	Fresh	D	Gravel 8; shale 16; red shale 25. Water at 20.
Con I	" 4	F. Varvick	Wright Bros.	Sep. 10	4	65	65	27	"	D	Top soil 3; white limestone 20; grey limestone 30; blue shale 55; red shale 66. Water at 45 and 50.
Con C	" 32	C. Levens	"	Aug. 26	5	53	33	33	"	S	Grey clay 2; white limestone 22; blue shale 30; red shale 53. Water 20.
Con II	" 25	E. Spence	M. S. Bellerby	Oct. 1	5	6	87	14	"	S	Clay stones 60; red grey shale 87. Water at 87.
Con III	" 25	L. Eye	"	Sep. 20	8	6	6	18	"	D, S	Previously drilled 60; red shale 62. Water at 62.
Con V	" 4	F. Robinson	Wright Bros.	June 25	4	1	56	15	"	D	Top soil 1; grey limestone 33; blue shale 40; red shale 56. Water 35.
Con VIII	" 9	G. Beattie	E. Wright	Jan. 8	4	10	40	18	"	D, S	Clay gravel boulders 18; grey limestone 115; flint blue and red shale 115; to 166. Water from 100 to 115, 123 and 150.

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
HALDIMAND COUNTY Canborough Twp. Con I lot 14	J. Voortman	E.A. Ricker & Sons	June 15	7	5	18	18	Fresh	D,S	Clay 8; hard clay stones 58; gravel 59; grey shale 62. Water at 62.
Con III D T	G. Aklapo H. Fair	Coughell Bros. W.E. Scriven	Apr. 11 Nov. 24	6 6	10 15	50 12	15 12	Sulphur Fresh	S D	Clay 35; hardpan 55; sand mud 60; rock ? Water at 105. Top soil 2; brown clay 18; grey clay 106; red gravel 108. Water at 108.
Dunn Twp. Con V RRS Con I	J. Stephens H. Flock	W.E. Scriven Coughell Bros.	Nov. 27 May 8	6 6	3 30	15 30	5 25	Sulphur Fresh	D D	Top soil 2; brown clay 8; limestone 27. Water at 27. Clay 40; hardpan 45; sand mud shell 49; limestone 59. Water at 57.
Dunnville	Dunnville Dairy Ltd. Arrow Bowling	Coughell Bros. Allard Bros.	May 5 Sep. 11	6 2	90 3	40 9	22 9	Sulphur Fresh	Ind P	Sand 10; clay 76; gravel sand mud 78; limestone 118; brown limestone 125. Water at 88, 105 and 120. Quicksand 95; gravel 96. Water at 95.
Jarvis	Bell Telephone Wm. Elliot	R. Swayze	June 11 June 27	6 6	10 3 20	40 37 35	24 19 30	Fresh " "	P P P	Clay 10; flint 51. Water at 48. Clay 10; flint 40. Water at 35. Clay 27; flint 55. Water at 53.
Moulton Twp. Con III C Con II	H. Carter S. Cismar	P. Merritt Allard Bros.	Mar. 31 Oct. 9	6 2	15 2	12 7	8 7	Fresh "	D D	Clay 103; limestone 113. Water at 113. Blue clay 100; coarse gravel 112; limestone 142. Water at 140.
North Cayuga Twp. Con I TRN Con I TRN Con I TRS Con II	K. Bell B. Duxbury C. Swayze	M. Culver & Son Cayuga Quarries Coughell Bros.	July 30 Oct. 20 Mar. 20	5 4 6	20 1 7	26 18 25	26 18 22	Fresh " "	Ind C S	Clay 11; brown limestone 42. Water at 34. Clay 10; grey limestone 72. Water at 48. Clay 42; sand mud 44; limestone 53; rock ? Water at 57.
Oneida Twp. Con II Con IV	F. Peart Wm. Blyleven	A.B. Clark E. Doyle	Jan. 6 Mar. 9	6 6	15 9	11 31	64 15	Fresh "	D D,S	Top soil 4; shale 50; limestone 87. Water at 87. Top soil 1; brown clay 20; gravel clay 30; coarse gravel 41. Water at 41.
PR WR PR WR PR WR	Wm. Doughty Can. Gypsum Co.	S. McCauley	Sep. 28 June 5	5 10	4 45	46 52	36 52	" "	D,S Ind	Brown clay 30; soft grey shale 35; limestone 46. Water at 46. Yellow clay 48; limestone 70; gypsum 74; limestone 82. Water at 82.
PR WR PR WR PR WR PR WR R R	C. Awde P. Slote J.C. Yule E. Martindale	R.D. Featherstone " " "	June 4 Oct. 21 Sep. 29 Mar. 23	4 5 4 4	8 8 8 13	35 60 44 48	28 1/2 50 43 44	" " " "	D P D,S D,S	Yellow clay 17; blue clay 41; sand gravel clay 45; tough clay 53. Water from 50 to 53. Yellow clay 9; flint 14; grey shale flint 64. Water at 61. Yellow clay 22; hardpan stones 34; tough clay gravel 51; blue shale gypsum 54; gypsum 56. Water from 52 to 54. Old well 44; fill 47; limestone shale 56. Water from 54 to 56.
Rainham Twp. Con I Con I Con I Con I Con I Con I Con I Con I Con I	C. Kempfer H. Baron K. Buist K. Woodley F. Johnson E. Zimmerman M. Guhrle Wm. Terranick J. Crustolo L. Wilkinson A. Meyer	G.A. Dennis & Son P. Ince B.W. Merritt G.A. Dennis & Sons M. Culver & Son Wm. Scriven M. Culver & Son " "	May 30 May 2 July 28 Apr. 28 May 2 Oct. 19 Aug. 17 Aug. 24 July 7 July 10 July 27	5 2 6 6 6 3 3 5 5 5 5	15 4 7 14 18 5 5 8 8 12 80	19 17 25 12 18 11 11 12 12 16	17 16 10 17 12 15 11 9 11 12 12 16	Sulphur " " Fresh " Sulphur " Fresh Sulphur " "	P D D D D D D D P D Ind	Clay 17; flint 24. Water from 22 to 24. Clay 16; flint 31. Water at 30. Loam 2; brown clay 17; flint 25. Water at 25. Clay 8; flint 28. Water at 28. Clay 15; flint 22. Water at 22. Yellow clay 8; flint 30. Water at 26. Brown clay 10; flint 35. Water at 34. Brown clay 2; blue clay 6; flint 20. Water at 20. Clay 6; flint 33. Water at 32. Clay 6; flint 33. Water at 32. Clay 12; flint 50; brown limestone 78. Water at 28 and 77.

## HALDIMAND COUNTY - cont.

[illegible]

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>HALDIMAND COUNTY-cont.</b>										
Wellpole Twp. cont.										
Con I " 24	F. Jackson	E. Doyle	July 26	6	4	41	30	Sulphur	D	Brown clay 9; grey granite 51. Water at 51.
Con I " 24	L. Strohmeier	G.A. Dennis & Sons	Oct. 3	5	10	14	9	Fresh	D	Yellow clay fill 5; flint 21. Water at 19.
Con II " 4	Bell Telephone	R. Swayze	Oct. 27	6	2	45	9	Sulphur	P	Clay 13; flint 50. Water at 20.
Con II " 4	S. Tomkins	E. Stewart	Jan. 23	6	4	60	20	Fresh	D	Hard clay 18; hard flint 61. Water at 60.
Con IV " 15	C. Bartlett	G.A. Dennis & Sons	Sept. 7	5	7	29	23	"	D, S	Clay 13; hard flint 44. Water at 44.
Con V " 7	W. Doughty	R. Swayze	Dec. 1	6	8	48	41	"	S	Clay 30; flint 57. Water at 54.
Con VI " 19	E. Stewart	E. Stewart	Feb. 6	6	4	25	18	"	D, S	Clay 18; flint 65. Water at 64.
Con VII " 21	B. Stadder	"	Oct. 1	7	30	13	13	Sulphur	D, S	Clay 5; flint 58. Water at 57.
Con VIII " 22	J. Shonberg	"	July 13	7	2	25	6	Fresh	D	Top soil 14; flint 34. Water at 34.
Con VIII " 22	W. Hyland	"	July 13	7	4	25	6	"	D	Clay 19; flint 90. Water at 35.
Con VIII " 22	J. Kelle	"	Apr. 15	6	10	50	40	Sulphur	S	Clay 12; flint 70. Water at 67.
Con IX " 8	B. Sydholme	R. Swayze	Sept. 2	6	12	41	28	Fresh	S	Clay 8; flint 55. Water at 50.
Con IX " 8	V. Gibbons	"	Sept. 4	6	1	15	32	"	D	Clay 32; flint 42. Water at 40.
Con X " 6	A. Matice	"	Oct. 13	6	5	35	32	"	S	Clay 6; flint 24; flint 48. Water at 48.
Con X " 7	E. Rouleston	E. Doyle	Oct. 6	6	5	48	20	"	S	Brown clay 15; limestone 40; flint 80; limestone 110. Water at 107.
Con X " 11	R. Riibs	R. Swayze	Aug. 13	6	15	40	19	Sulphur	S	Clay 6; limestone 40; flint 50. Water at 50.
Con XI " 7	F. Rouleston	F. Ince	Feb. 4	6	4	50	20	Fresh	D, S	Loam 2; blue clay 33; flint 50. Water at 50.
Con XI " 11	K. Cowan	E. Doyle	Sept. 2	6	1	87	20	"	D, S	Top soil 1; brown clay 11; grey granite 60; blue shale 84; grey granite 87. Water at 87.
Con XI " 14	B. Leng	R. Swayze	Jan. 12	6	20	31	31	"	S	Clay 6; flint 58; limestone 87. Water at 85.
Con XII " 7	E. Duscharm	F. Ince	Mar. 9	6	10	50	25	"	D, S	Loam 4; blue clay 40; flint 72. Water at 72.
Con XII " 8	R. Stewart	R. Swayze	May 11	6	6	25	20	"	D	Grey clay 55; flint 64. Water from 60 to 64.
Con XII " 12	L. Bilton	"	July 29	6	10	20	10	"	S	Clay 11; flint 30. Water at 25.
Con XII " 13	L. Dorrian	"	Oct. 10	6	2	55	29	"	D	Clay 20; flint 50; limestone 65. Water at 62.
Con XII " 19	C. Bowman	G.A. Dennis & Sons	July 23	5	4	50	31	"	C	Top soil 2; brown limestone 40; white limestone 60. Water at 58.
Con XIII " 7	S. Shoup	F. Ince	Feb. 6	6	10	25	10	"	D	Loam 3; blue clay 40; gravel 44. Water at 44.
Con XIV " 6	P. Bowman	R. Swayze	Feb. 6	6	10	35	26	"	D	Clay 17; limestone 45. Water at 40.
Con XIV " 8	A. Hopper	"	July 10	6	5	25	3	"	D	Clay 27; shale 30. Water at 28.
Con XIV " 8	R. Phillips	"	May 28	6	5	35	3	"	D	Clay 28; gravel 32; shale 34. Water at 33.
Con XIV " 8	M. Bristo	"	July 4	6	25	4	3	"	D	Clay gravel 13; limestone 32. Water at 30.
Con XV " 6	"	"	July 6	6	10	23	15	"	D	"
<b>HALIBURTON COUNTY</b>										
Anson Twp.										
Con A Lot 2	M. Cook	Jutras Const. & Diamond Drilling	May 23	2	13	8	7	Fresh	D	Sand 18; grey granite 65. Water at 60.
Con A " 4	W. Cook	G. Hart & Son	Jan. 5	6				"		Sand boulders bed-rock 40. Dry hole.
Con A " 4	"	"	Oct. 14	8				"		Sand boulders 35. Dry hole.
Con A " 4	"	"	Oct. 14	6				"		Sand boulders 40. Dry hole.
Cardiff Twp.										
Con VI Lot 25	A. Thompsonett	L.B. Macdonald	Mar. 25	6	3		10	Fresh	P	Clay 2; black granite 33. Water at 15.
Dysart Twp.										
Con VII Lot 16	L. Rennie	Jutras Const. & Diamond Drilling	July 2	2	1	55	30	Fresh	D	Sand 11; grey granite 250. Water at 230.
Con VIII " 13	H.E. Good	"	May 28	2	2	14	12	"	D	Gravel boulders 22; granite 105. Water at 93.
Con IX " 17	A.R. Allan	"	Sept. 17	2	2	18	8	"	D	Sand gravel 12; red porphyry 82. Water at 70.
Harburn Twp.										
Con IX Lot 16	S.W. Hodgson	Jutras Const. & Diamond Drilling	Sept. 16	2	2	38	27	Fresh	D	Boulders gravel 14; red porphyry 182. Water at 170.
Con X " 15	R.E. Sutton	"	Sept. 11	2	3	18	10	"	D	Sand boulders 10; grey granite 82. Water at 71.



HALIBURTON COUNTY - cont.

Lutterworth Twp. cont.		lot 25	E. Wruth	May 20	2	7	17	10	Fresh	D		
Con A											Sand 3; grey granite 56. Water at 50.	
Con I		5	R. Leneet	June 30	6			70	"	D	Top soil 2; sand gravel 3; grey granite 18; red granite 27; grey granite 54; red granite 77. Water at 77.	
Con V		27	A. Marshall	Sep. 16	6		36	22	"	D	Sand 4; grey granite 36. Water at 36. Pumping 1 g.p.h.	
Con XII		4	R. Bowes	Sep. 1	6		76	26	"	D	Sand 67; grey granite 76. Water at 68. Pumping 2 g.p.h.	
Minden Twp.												
Con A		lot 2	G. E. Thomas	June 11	2	$\frac{1}{2}$	16	14	Fresh	D	Sand 4; grey granite 85. Water at 75.	
Con A		" 3	W. L. Lahey	May 22	2	2	4	2	"	P	Gravel boulders 6; grey granite mixed 96. Water at 85.	
Con III		" 19	G. Nelson	July 23	6	2	15	15	"	D	Top soil 2; sand 8; sandstone 30. Water from 22 to 30.	
Con V		" 32	J. Greenham	May 22	5	2 $\frac{1}{2}$		$\frac{1}{2}$	"	D	Sand 4; granite 19 $\frac{1}{2}$ . Water at 19 $\frac{1}{2}$ .	
Con VII		" 4	E. Hastings	Nov. 23	6	2	29	10	"	D	Dug 8; sand 12; granite 29. Water at 14.	
Sherborne Twp.												
Con A		lot 29	O. Sawyer	July 23	5	$\frac{1}{2}$		36	Fresh	D	Clay 2; granite 102 $\frac{1}{2}$ . Water at 98.	
Snowdon Twp.												
Con A		lot 1	T. McCulloch	Aug. 26	6		40	9	Fresh	D	Sand 14; grey granite 40. Water at 35. Pumping 3 g.p.h.	
Stanhope Twp.												
Con I		lot 15	P. Thomas	Nov. 6	6	$\frac{1}{2}$	41	17	Fresh	D	Sand 38; red granite 45. Water at 41.	
HALTON COUNTY												
Burlington Twp.												
DSN Con I		lot 19	W. Gall	Sep. 27	6	10	30	10	Fresh	D	Top soil 2; brown clay 17; limestone 40. Water at 40.	
DSN Con I		" 20	L. McCabe	June 15	7	6	50	25	"	D	Clay 6; stones 9; solid limestone 60. Water at 55.	
DSN Con I		" 20	Wm. Fraley	June 30	6	10	28	28	"	D	Brown clay 8; broken limestone 11; grey limestone 50. Water at 46.	
DSN Con I		" 21	L. McCabe	Oct. 1	7	5	60	32	"	D	Grey clay 10; limestone 65. Water at 60.	
DSN Con I		" 21	K. Vivian	Apr. 1	6	4	40	36	"	D	Dark loam 2; clay 4; limestone 40. Water at 28.	
DSN Con I		" 24	W. J. Brandesen	Nov. 12	6	18	33	13	"	D	Sandy loam 6; broken limestone 11; limestone 51. Water at 33.	
DSN Con II		" 11	C. Speck	Nov. 18	6	2	60	31	"	Ind	Brown clay 5; grey clay 55; gravel 60. Water from 50 to 60.	
DSN Con II		" 11	J. Ryan	Sep. 3	6	1	54	32	"	D	Brown clay 6; red clay 16; red shale 54. Water at 53.	
DSN Con II		" 15	S. Hamlin	July 13	6	10	17	15	"	D	Brown clay 10; broken limestone 15; grey limestone 32. Water at 15.	
DSN Con II		" 17	P. Lee	Jan. 9	6	3	49	32	"	D	Loam 1; brown clay 18; blue clay 37; grey limestone 57. Water at 45.	
DSN Con II		" 18	E. Bretfield	Aug. 15	6	10	34	5	"	D	Clay loam 3; grey limestone 32. Water at 11 and 26.	
DSN Con II		" 18	H. Waller	Aug. 19	6	5	18	11	"	D	Sandy loam 4; grey limestone 38. Water at 32.	
DSN Con II		" 20	H. McGov	Jan. 23	6	2	26	16	"	D	Clay 4; limestone 33. Water at 24.	
DSN Con II		" 21	E. Dukehire	Jan. 23	6	7	40	21	"	D	Sandy loam 7; sand boulders 12; grey limestone 58. Water at 42.	
DSN Con I		" 5	D. Watson	Nov. 28	30	$\frac{1}{2}$		27	"	D	Red clay 2; red shale 40. Water at 30.	
DSN Con I		" 6	M. Watson	Nov. 21	30	$\frac{1}{2}$		22	"	D	Red clay 20; red shale 40. Water at 22.	
DSN Con I		" 7	E. Gunby	Nov. 25	30	$\frac{1}{2}$		15	"	D	Red top soil 12; red shale 40. Water at 15.	
DSN Con I		" 9	C. White	Aug. 6	6	1	32	12	"	D	Blue clay 21; red shale 32. Water at 32.	
DSN Con I		" 12	G. Brien	Mar. 18	6	$\frac{1}{2}$	25	21	"	D	Clay 23; red shale 45. Water at 25.	
PEF Con I		" 7	J. Hubert	May 18	6	2	62	38	"	D	Blue clay 24; red shale 62. Water at 62.	
PEF Con I		" 8	D. Dehlike	Sep. 1	6		20	13	Salty	D	Brown clay 10; red shale 30. Water at 29.	
PEF Con I		" 9	A. Wood	Feb. 17	6	8	20	8	Fresh	D	Clay 8; red shale 29. Water at 26.	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>HALTON COUNTY-cont.</b>										
Burlington Twp. cont.										
EEF Con I " 9	A. Wood	S. Gill	Feb. 19	6	12	15	8	Fresh	D	Clay 8; red shale 30. Water at 27.
EEF Con I " 9	L. Weyrink	"	July 8	6	8	15	8	"	D	Red clay 8; red shale 30. Water at 25 and 28.
EEF Con I " 9	S. Bensted	B.O'Connor	Aug. 21	6	30	65	30	"	D	Blue clay 22; red shale 65. Water at 65.
EEF Con I " 13	W. Gosling	E. Constable	June 18	6	1	60	20	"	D	Top soil 1; brown clay 4; red shale 60. Water at 35.
EEF Con I " 13	C. Harris	"	July 21	8	1	80	20	"	D	Brown clay 6; red shale 80. Water at 32.
EEF Con II " 13	D. McBean	"	Jan. 12	6	40	75	13	"	D	Dug 1; grey shale 47. Water at 47.
EEF Con II " 13	D. Rankin	B.O'Connor	Nov. 20	6	75	75	10	"	D	Blue clay 10; red clay 44; red shale 75. Water at 75.
NS Con I " 1	C. Inglehart	J.B. Ruttan	July 30	6	10	38	38	"	D	Sandy loam 2; grey limestone 56½. Water at 40.
NS Con I " 9	H. Wilbur	"	Aug. 13	6	10	38	38	"	D	Sandy loam 4; grey limestone 56. Water at 40.
NS Con I " 9	K. DuBois	W. Paekham	Jan. 9	6	10	38	38	"	D	Loam sand 15; sandy loam stones 32; limestone 48; blue shale 59; red shale 65. Dry hole.
NS Con I " 13	L. DesCoeur	G.J. Wallis	Mar. 31	6	19	15½	1½	"	D	Black top soil 6; brown soil sand gravel large boulders 6; yellow rock 2½. Water at 43.
NS Con II " 2	S. Vukamono	J.B. Ruttan	June 19	6	12	29	24	"	D	Brown top soil 2; brown clay 10; broken limestone 16; grey limestone 45; dolomite 5½. Water at 45.
NS Con II " 9	P. Sunstrum	J.L. Graham	Jan. 21	6	10	34	32	"	D	Top soil 2; brown hardpan 15; gravel soft clay 22; gravel grey soft clay 35; sand brown clay 47; clay sand gravel 56; 65. hardpan gravel 63; hardpan sand 65. Water from 63 to 65.
NS Con II " 9	Wm. Bullard	J.B. Ruttan	May 20	6	3	40	11	"	D	Clay loam 6; broken limestone 21; grey limestone 40. Water at 27.
NS Con II " 9	Board of Education	J.L. Graham	Oct. 8	5	5	51	36	Sulphur	N	Top soil 2; stones red clay 23; fine sand brown clay 38; grey hardpan 46; brown clay gravel 56; coarse sand 58; gravel brown clay 70; sand clay 74; grey shale 81; blue shale 85; red shale 100. Water from 85 to 100.
NS Con III " 1	M. Romanick	J.B. Ruttan	Aug. 21	6	5	71	29	Fresh	D	Clay loam 7; grey limestone 54; dolomite 71. Water at 42 and 54.
NS Con III " 11	F. Coulson	E. Pegg	Sep. 30	6	6	9	9	"	N	Soil 1; clay 8; rock 9; stony clay 12; rock 16½; blue clay 21; red clay 29. Water at 12.
NS Con III " 11	J.W. Harris	J.B. Ruttan	Nov. 10	6	5	22	14	"	D	Brown clay 18; shale 34. Water at 22.
NS Con IV " 13	R. King	J.R. Sprowl	Apr. 16	7	40	Flows	Flows	"	D	Clay 20; mixed clay gravel 50. Water at 45.
NS Con VI " 13	L. Murphy	"	Mar. 26	4	8	38	25	"	D	Brown clay 17; light grey limestone 84. Water at 35 and 80.
NS Con VI " 14	W. VanGrunsven	"	Apr. 11	4	7	45	40	"	D,S	Clay 9; grey limestone 100. Water at 63, 85 and 95.
<b>Beauregard Twp.</b>										
Con I lot 23	A. Schupp	J.R. Sprowl	June 24	4	5	54	16	Fresh	D	Gravel clay 10; gravel sand 28; dark limestone 60; grey limestone 74. Water at 45 and 70.
Con I " 31	L. Doberthien	"	May 4	4	8	60	55	"	D	Sand 10; coarse gravel stones 40; light brown rock 55; layers light grey and blue rock 90; white limestone 115. Water at 65 and 110.
Con I " 31	A. Sedgwick	"	May 9	4	8	33	30	"	D	Boulders earth 30; gravel clay 40; grey limestone 74½.
Con I " 32	B. Colleton	"	Oct. 16	4	10	27	25	"	D	Clay gravel 17; grey limestone 45; light limestone 71½. Water at 42, 54 and 70.
Con II " 1	S. Carradette	W. Paekham	Apr. 25	7	2½	60	15	"	D	Heavy clay 37; red clay 60. Water at 45.
Con II " 1	L. Marinuzzo	J.B. Ruttan	July 17	7	2½	42	12	"	D	Brown clay 20; red clay 38; red shale 62. Water at 42.
Con II " 1	B. Goetan	J.R. Sprowl	Nov. 6	6	1½	53½	20	Mineral	D	Clay 10; clay sand 30; clay gravel 49; red shale 53½. Water at 50.
Con II " 5	J. Robertson	J.B. Ruttan	Sep. 18	6	3	63	15	Fresh	S	Brown clay 29; red clay 39; red shale 63. Water at 54.
Con II " 7	D.P. Deakin	"	Feb. 27	6	10	44	38	"	D	Dug 35; sand 46; clay 63; coarse gravel clay 63; fine gravel 66. Water from 64 to 66.
Con II " 12	J. Dredge	J.R. Sprowl	June 19	5	1½	50	3	"	D	Clay 25; clay gravel 40; red shale 60. Water at 49 and 55.
Con III " 5	K. Poggi	J.B. Ruttan	Sep. 18	5	1½	92	15	Salty	S	Brown clay 20; grey clay 58; red clay 63; red shale 94. Water at 92.

HALTON COUNTY- cont.

Esqueving Twp. cont. Con III	lot 7	J. Kaufman	J.R. Sprowl	Mar. 9	5	1	94	25	Fresh	D	Clay 25; gravel clay sand 65; red shale 94. Water from 70 to 92.
Con III	" 10	J.F. Brown	J.B. Ruttan	Mar. 4	6	3	117	72	"	D	Dug 33; sand 35; clay 98; quicksand 106; gravel 117. Water from 106 to 117.
Con III	" 14	F. Robertson	F.M. Dennis Drllg.	May 29	7	1	98	12	"	D, S	Dug 47; red shale 98. Water at 60 and 98.
Con III	" 18	School Area #1	O.H. Gow	Oct. 15	4	24	40	23	"	P	Gravel boulders 40; grey limestone 115; red shale 124. Water from 100 to 124.
Con IV	" 2	H.O. Lackie	M. Babiuk	June 10	30	5	32	15	"	D	Brown soil 38; red shale 45. Water at 45.
Con IV	" 11	C. Hume	F.M. Dennis Drllg.	Dec. 11	7	5	32	23	"	D, S	Top soil 1; yellow clay 26; silt 50; red clay 68; red shale 80. Water at 75.
Con IV	" 15	C. Wilson	"	Nov. 24	7	6	50	21	"	D	Red brown clay 5; red clay 18; red shale 95. Water at 92.
Con IV	" 20	W. Louth	"	May 15	7	15	6	1	"	D	Top soil 1; yellow clay 5; blue shale 18; blue clay 42. Water at 20.
Con IV	" 27	Sun Oil Co.	J.R. Sprowl	June 27	5	8	45	22	"	C	Fill 3; fine sand 35; clay stony gravel 50; blue shale 60; red medina 62; blue shale 112. Water at 63, 85 and 105.
Con IV	" 28	H. Collett	"	Feb. 10	4	5	40	25	"	D	Dug 11; sand 35; quicksand 60; gravel clay 75; blue shale 114. Water at 85, 105 and 112.
Con IV	" 28	G. Kuiken	"	Aug. 25	4	6	30	25	"	D	Gravel 25; sand quicksand 48; grey limestone 74. Water at 60 and 72.
Con IV	" 30	Wm. Dobbie	"	Sep. 10	4	12	10	7	"	D	Sandy soil 10; clay rock layers 18; grey limestone 50. Water at 35, 42 and 48.
Con V	" 26	R. Armstrong	"	Jan. 16	4	10	35	35	"	D	Gravel clay 25; quicksand sand 52; grey limestone 89; blue shale 99; red medina 101. Water at 65, 89 and 99.
Con VI	" 2	Wm. Mosely	"	Mar. 14	5	15	12	Flows	"	D	Clay 30; gravel clay 47; red shale 75. Water at 55 and 70.
Con VI	" 2	D. Alexander	Mar. 21	7	12	82	10	10	"	D	Clay 35; gravel clay 60; red shale 82. Water at 70.
Con VII	" 10	H. Nurse	F.M. Dennis Drllg.	Feb. 5	7	12	83	30	"	S	Bored 30; red clay 46; red shale 97. Water at 92.
Con VII	" 20	G. Burt	J.B. Longstreet	Jan. 5	6	15	38	38	"	D, S	Dug 30; grey sand 38; coarse gravel 59. Water from 38 to 59.
Con VII	" 26	R.L. McEnery	J.R. Sprowl	Mar. 2	4	8	45	30	"	D, S	Gravel stones 15; quicksand 35; limestone 43; grey limestone 99. Water at 65, 79 and 94.
Con VII	" 27	G. Carriere	"	June 3	4	15	5	3	"	D	Swamp muck 8; gravel sand clay 25; grey limestone 51 1/2. Water at 35 and 49.
Con VII	" 31	R. Swindlehurst	"	Aug. 21	4	15	14	40	"	D	Fine gravel clay 28; grey limestone 63. Water at 40, 54 and 61.
Con VIII	" 1	M. Southwood	D.P. Jacobson	July 28	7	10	32	5	"	D	Dug 20; grey clay stones 48; red clay stones 56; silty gravel mud 57; soft clay 63; gravel 65. Water at 63.
Con VIII	" 3	Dmaephurum	M. Babiuk	May 25	30	5	25	25	"	D, S	Brown top soil 15; grey clay pebbles 48; grey sand 50. Water at 50.
Con VIII	" 3	H. McPherson	Babiuk Well Boring	Oct. 26	30	1	85	10	"	D, S	Brown clay 15; blue clay 44. Water at 44.
Con VIII	" 11	B. Alexander	D.P. Jacobson	Aug. 15	7	2 1/2	34	34	"	D, S	Brown clay 10; red clay stones 18; red shale 87. Water at 85.
Con VIII	" 17	North Halton Golf/Country Club	M. Babiuk	Nov. 6	30	45	11	11	"	P	Brown clay gravel 11; fine gravel 12; blue clay 32. Water at 11.
Con VIII	" 24	L. Walber	J.R. Sprowl	Oct. 20	5	8	25	9	"	D	Brown clay 4; sandstone 16; red shale 64. Water at 20, 42 and 59.
Con VIII	" 27	E.J. Huller	D.P. Jacobson	Sep. 22	7	6	34	10	"	D	Brown clay stones 10 1/2; brown and white limestone 38 1/2. Water at 16 and 32.
Con IX	" 6	W.H. Green	P.M. Dennis Drllg.	Mar. 13	6	4	16	1	"	D	Top soil 1; yellow clay 15; fine sand 39; gravel 40. Water at 39.
Con IX	" 20	M. Mullin	"	Mar. 16	7	15	15	12	"	D	Gravel 2; yellow clay 12; fine sand 36; large stones fine gravel 40. Water at 40.
Con IX	" 28	W.M. Geggie	J.R. Sprowl	Sep. 8	5	1 1/2	100	25	"	D	Gravel clay 22; grey limestone 37; blue shale 116. Water at 37, 85 and 100.
Con X	" 3	Wm. Brain	"	Nov. 26	6	2	16	16	"	D, S	Dug 20; previously drilled 26; red shale 66. Water at 61 and 63.
Con X	" 7	M.G. Wilson	"	Jan. 6	7	1 1/2	72 1/2	15 1/2	"	D, S	Old well 13; red shale 73 1/2. Water at 25 and 61.
Con XI	" 11	P. Simpson	J.L. Burton	May 2	5	5	65	10	"	P	Top soil 1; gravel boulders 20; red shale 75. Water from 30 to 75.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-TEST	PUMP-LEVEL	STATIC LEVEL	KIND OF WATER	U.S. 2	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>HALTON COUNTY- cont.</b>										
Con XI	P. Simpson	M. Babluk	July 4	30	10	12	12	Fresh	P	Gravel red clay 6; fine gravel 19. Water at 12.
Con XI	S. Sedare	J. L. Burton	Dec. 1	5	2	48	6	"	D	Dug 18; red shale 53. Water at 48.
Con XI	P. Donaldson	"	Oct. 1	5	12	6	6	"	D	Brown clay / red shale 30. Water at 28.
Con XI	H. Perkins	W. E. Core	Feb. 23	4	4	32	17	"	D	Dug 18; gravel 34; brown sand 48; red shale 111. Water at 111.
Con XI	J. Miller	B. Huffman & Sons	Oct. 24	5	20	20	10	"	D	Dug 13; red shale 47. Water at 45.
Con XI	L. Champagne	J. R. Sprowl	Apr. 25	5	3	10	8	"	D	Clay 6; red shale 44. Water at 35 and 42.
Milton	P. L. Robertson	F. M. Dennis Drilg.	Nov. 5	7	1 1/2	80	19	Fresh	Ind	Bored hole 38; red shale 85. Water at 80.
Milton	"	M. Babluk	Nov. 17	30	25	8	8	"	"	Top brown soil 10; red soil 25; coarse sand 28; red shale 38. Water at 25.
<b>Nassagaweya Twp.</b>										
Con I	A. Barrett	J. R. Sprowl	Aug. 3	4	12 1/2	14	10	Fresh	D	Large boulders clay gravel 13; dark limestone 50. Water at 42 and 48.
Con II	W. Salewski	B. Ruttan	Jan. 2	6	10	34	9	"	D	Dark loam 1; gravel clay 10 1/2; grey limestone 40. Water at 24 and 34.
Con II	Einchenberger	"	Jan. 6	6	10	32	18	"	D	Gravel clay 13; grey limestone 42. Water at 40.
Con II	W. Larter	"	July 10	6	2	49	11	"	D	Sand boulders 35; grey limestone 42; blue limestone 49. Water at 39.
Con II	W. L. Poirier	C. Hull	Feb. 18	4	10	17	17	"	D	Clay black shale 30; grey limestone 65. Water at 65.
Con II	Walker H.	J. R. Sprowl	Feb. 23	4	4	30	20	"	D	Gravel boulders 13; grey limestone 60. Water at 42, 54 and 57.
Con II	B. Hayward	"	Mar. 31	4	7	14	12	"	D	Gravel 10; grey limestone 55. Water at 45 and 54.
Con II	W. Neil	"	July 30	4	10	15	15	"	D	Stony gravel 9; light grey limestone 44. Water at 25 and 42.
Con II	J. F. Green	J. Cudney	Sep. 22	4	10	15	18	"	D	Top soil 2; large stones clay 10; grey limestone 45. Water at 45.
Con III	C. Currie	B. Ruttan	Feb. 7	6	6	57	33	"	D	Dug 3; sand 37; hard grey limestone 57. Water at 45.
Con III	B. Deforest	"	Mar. 10	6	3	38	27 1/2	"	D	Sandy loam 2; gravel boulders 37; grey limestone 62. Water at 40 and 61.
Con III	W. M. Cross	"	July 28	7	10	38	31	"	D	Sand loam boulders 28; grey limestone 50. Water at 36.
Con III	F. Marsh	"	Aug. 20	6	5	26	26	"	D	Sandy loam 19; grey limestone 44. Water at 38.
Con III	W. Davies	"	Dec. 1	6	2	43	31	"	D	Clay 3; sandy loam 27; grey limestone 47. Water at 45.
Con III	D. Inglis	W. Packham	Aug. 3	5	20	35	15	"	D	Loam sand gravel 25; sand gravel boulders 35; limestone 47. Water at 45.
Con III	L. Hull	"	Aug. 6	7	20	25	15	"	D	Loam sand 13; sand gravel 25; gravel stones 30; limestone 36. Water at 30 and 35.
Con III	J. Brethett	B. Ruttan	Feb. 5	6	13	47	47	"	S	Old well 74; grey limestone 100. Water from 76 to 79.
Con III	T. Winmoller	"	May 1	6	15	16	10	"	D	Clay loam 3; grey limestone 35. Water at 15.
Con III	W. A. Smith	"	Sep. 12	6	8	86	67	"	S	Dug 30; brown clay boulders 62; grey limestone 86; dolomite 102. Water at 86.
Con IV	W. Coates	"	June 1	5	3	65	21	"	D	Gravel clay boulders 50; grey limestone 65. Water at 54.
Con V	G. Barberstock	J. R. Sprowl	Aug. 31	6	5	54	15	"	D	Sand boulders 37; grey limestone 54. Water at 52.
Con V	J. Lawrence	"	June 10	4	10	8	8	"	D	Clay gravel 7; grey limestone 25; hard blue limestone 40. Water at 25 and 39.
Con V	D. Stone	"	June 12	4	15	24	20	"	D	Gravel clay rocks 10; grey limestone 51. Water at 35 and 45.
Con V	L. Copeland	"	June 15	4	8	15	12	"	D	Stony gravel clay 8; grey limestone 60. Water at 20, 35 and 55.
Con V	G. Elliott	"	Sep. 24	4	8	25	12	"	D	Earth 3; grey limestone 57. Water at 25, 45 and 54.
Con V	F. Schmidt	"	Nov. 21	4	15	25	22	"	D	Top soil 2; gravel 20; grey limestone 56 1/2. Water at 35, 48 and 54.
Con VI	R. Street	"	July 14	4	6	30	28	"	D	Top soil 1 1/2; boulders 4; gravel 10; boulders 12; stony gravel 20; light grey limestone 66. Water at 54 and 63.
Con VII	J. McIntyre	"	Apr. 4	4	8	45	4	"	D	Clay 7; hard blue limestone 40; light grey limestone 65. Water at 25, 54 and 63.
Con VII	T. Manes	"	June 29	4	8	55	8	"	D	Clay 5; dark rock 50; grey rock 75. Water at 25 and 72.

HALTON COUNTY - cont.  
Oakville

Core	lot	A. Peters	D.P. Jacobson	Sep. 30	6	75	15	Fresh	D
DSN Con I	" 16	H. Bott	G.J. Wallis	Jan. 16	6	35	18	"	Dug 25; grey muck 26; red shale 81. Water at 66 and 78. Brown clay 4; red clay soft shale 7; red shale 45.
DSN Con I	" 16	S. German	"	Jan. 17	6	7 1/2	16	"	Water at 35. Dug 15; red shale 35 1/2. Water at 34.
DSN Con I	" 20	C. Elliot	B. Rutan	May 15	6	25	8	"	Clay 32; red shale 50. Water at 46.
DSN Con I	" 21	R. Boney	B. Rutman & Sons	June 5	6	20	8	"	Red clay 10; red shale 60. Water at 58.
DSN Con I	" 24	J. Boychuk	G.J. Wallis	Nov. 17	6	100	16	"	Top soil 1; red clay 4; red clay soft shale 12; red shale 110. Water at 70.
DSN Con I	" 31	B. Feunier	"	May 22	6	11	40	"	Brown soil 1; reddish brown clay 16; red clay shale 20; solid red shale 50. Water at 32 and 48.
DSN Con II	" 6	D. Gorp	B. Rutan	May 18	6	2	53	"	Brown clay 18; grey clay 48; red shale 53. Water at 51.
DSN Con II	" 16	Peatherstone Bros.	D.P. Jacobson	Sep. 18	6	1 7/4	31	"	Dug 38; soft grey clay sand wood 50; queenston red shale 74. Water at 72.
DSN Con II	" 23	W. Perry	F.M. Dennis	Sep. 7	7	2	59	"	Top soil 1; yellow clay 35; red clay 37; red shale 62. Water at 59.
DSN Con II	" 29	F. Cowan	R.P. Core	May 30	6	1 1/2	50	"	Clay 30; blue clay 46; red shale 53. Water at 51.
DSN Con II	" 31	A. Coelen	B. Rutan	May 10	6	96	18	Salty	Brown clay 59; red shale 96. Water from 59 to 96. Pumping rate 15 g.p.h.
DSN Con II	" 31	F. Koppers	R.P. Core	June 10	6	1	49	Fresh	Clay 25; blue clay 45; red shale 60. Water at 50.
DSS BF	" 33	E. Humphries	B.O. Connor	May 27	6	5	12	"	Red clay 12; red shale 35. Water at 35.
DSS BF	" 33	A & A Lumber	"	July 2	6	45	10	"	Sand 5; clay 12; shale 45. Water at 45.
DSS Con I	" 12	G. Miller	Babiuk Well Drllg.	July 24	30	6	13	"	Red clay 16; shale 22 1/2. Water at 16.
DSS Con I	" 30	W. Englehart	B. Rutan	Sep. 15	6	1	14	"	Brown clay 12; red clay 15; red shale 51. Water at 21.
DSS Con II	" 25	S. Keller	J.R. Sprowl	July 8	7	51	25	Mineral	Dug 20; red shale 50. Water at 27.
DSS Con III	" 2	D. Auto Carr.	B. Hoffman & Sons	June 1	8	15	15	Fresh	Brown clay 6; blue shale 30. Water at 25.
DSS Con III	" 31	Bel. Telephone	"	July 28	6	100	30	Flows	Red clay 7; red shale 107; blue shale 110. Water at 100.
NS Con I	" 2	B. McGinnies Jr.	B. Rutan	Aug. 11	6	4	38	"	Brown clay 18; red shale 43. Water at 38.
NS Con I	" 15	J. Nova	J.R. Sprowl	Oct. 30	7	1 1/2	60	"	Dug 6; clay gravel 22; red shale 70. Water at 35 and 65.
NS Con III	" 4	G. Gillies	W. Packham	Apr. 30	7	7	22	"	Clay 47; red gravel 65. Water at 62.
NS Con III	" 6	D. Green	B. Rutan	Apr. 13	6	4	35	"	Top soil 2; clay 42; green shale 40; red shale 50. Water at 50.
NS Con III	" 10	W. Guild	J.R. Sprowl	Aug. 19	6	1	100	Mineral	Old well 68; red shale 104. Water at 65, 85 and 100.
NS Con III	" 11	J. Shea	M. Babiuk	Oct. 16	30	1	21	Fresh	Brown top soil 12; red clay 29; coarse sand 31. Water at 31.
NS Con III	" 11	Wm. Croes	B. Rutan	Jan. 16	6	5	59	"	Clay 18; soft red shale 48; hard red shale 53. Water at 54.
NS Con III	" 11	P. Jeffrey	G.J. Wallis	July 21	6	3 1/2	40	Salty	Dug 13; grey clay gravel 43; red clay gravel 52; red shale 72. Water at 70.
NS Con III	" 12	W. Devlin	Babiuk Well Drllg.	June 10	30	7	18	Fresh	Brown clay boulders 37. Water at 28.
NS Con IV	" 1	D. Perry	F.M. Dennis	Aug. 28	7	1 1/2	84	"	Top soil 1; red clay 6; soft red shale 14; hard red shale 84. Water at 31, 60 and 84.
NS Con IV	" 5	C. Buck	R.P. Core	July 26	6	1 1/2	53	"	Dug 18; grey clay 40; blue clay 48; red shale 57. Water at 55.
NS Con IV	" 15	Ont. Dept. of Highways	King City Well Drilling Co.	Dec. 18	4	25	30	Salty	Top soil 3; blue clay 33; blue clay gravel 50; coarse gravel 71; red shale 165. Water at 145.
NS Con V	" 4	D. Lachic	B. Rutan	May 5	6	1	48	Fresh	Clay loam 1; brown clay 26; gravel clay 33; red shale 48. Water at 40.
NS Con V	" 6	E. McDowell	Babiuk Well Boring	June 12	30	2	25	"	Red clay boulders 40; shale 50. Water at 40.
NS Con V	" 10	C. Peacock	F.M. Dennis	Oct. 18	7	1 1/2	80	Salty	Dug 30; red shale 80. Water at 80.
NS Con V	" 10	K. Robinson	"	Oct. 25	7	8	3	Fresh	Top soil 1; yellow clay 24; silt 30; red shale 55. Water at 24.
NS Con VI	" 10	"	"	Aug. 24	7	8	20	"	Top soil 1; sandy loam 6; yellow clay 51; quicksand 57; fine gravel 60. Water at 60.
NS Con V	" 13	G. Marchment	M. Babiuk	May 20	30	2	20	"	Brown top soil 13; grey clay 38; grey sand 40. Water at 40.
NS Con VII	" 9	J. Pechter	F.M. Dennis	Oct. 1	7	3 1/2	50	"	Top soil 1; yellow clay 4; fine sand 7; yellow clay 40; fine sand silt 55; gravel 60. Water at 55.
NS Con VII	" 11	W. McIntosh	"	Sep. 18	7	10	40	"	Dug 21; silt 31; fine sand 38; coarse gravel 38; red shale 48. Water at 39 and 48.
NS Con VIII	" 1	D. Gysel	E.E. Jacobson	Apr. 30	7	1 1/2	80	"	Brown clay 12; sandy brown clay 44; grey hardpan 49; red shale 87. Water at 80.
NS Con VIII	" 2	D. Buscher	Babiuk Well Drllg.	Sep. 4	30	1	34	"	Brown clay 15; blue clay 45. Water at 34.

2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.





HASTINGS COUNTY- cont.

	D. McMullen	H.E. Jones & Son	June 23	6	8	38	35	Fresh	D	Sand gravel 5; clay boulders 47; gravel hardpan 67; limestone 79. Water at 76. Top soil 3; sand 49; limestone 98. Water at 95. Gravel boulders 4; shaly limestone 5; limestone 33. Water at 30. Dug 13; limestone 40. Water at 40. Clay 2; limestone 53. Dry hole. Previously drilled 44; limestone 95. Dry hole. Hardpan 18; sand gravel 21; hardpan boulders 38; sand gravel 41. Water at 41. Hardpan 18; sand gravel 21; hardpan boulders 38; sand gravel 41. Water at 41. Clay 3; sand gravel 10; limestone 35. Water at 30. Dug 11; limestone 31. Water at 30.
Frankford	B. Ford	H.E. Jones & Son	June 29	6	5	50	20	"	D	Sand gravel 20; black granite 52. Water at 25. Old well 28; hardpan 11; 3; medium coarse gravel 116. Water at 116.
Frankford	C. Rowley	H.E. Jones & Son	July 4	6	5	10	5	"	D	Clay 11; hard limestone 127. Water at 120. Marl 12; hardpan boulders 32; hard grey limestone 38. Water at 20 and 33.
Frankford	K. Mikel	"	July 24	6	5	15	10	"	D	Sand 66; hard limestone 95; grey granite 102. Water at 94. Brown clay with pebbles 21; soft grey limestone 40. Water at 36.
Frankford	E. Chard	C.J. Fraser	Sep. 12	8				"	D	Clay 9; hard limestone 34. Water at 20. Clay 19; soft limestone 46. Water at 35. Clay 16; hard limestone 32. Water at 28.
Frankford	S. Bartman	H.E. Jones & Son	Sep. 14	6				"	D	Clay loam 12; blue limestone 102; red granite 107. Water at 95. Clay 13; shale limestone 24; red granite 55. Water at 40. Clay 13; hard limestone 40; red granite 61. Water at 50. Clay 15; red granite 40. Water at 30. Clay 10; soft limestone 14; red granite 30. Water at 16. Clay 22; black rock 27. Water at 20.
Frankford	C. Oster	"	Nov. 27	6	3	35	20	"	D	Gray clay pebbles 16; soft grey limestone 45. Water at 40. Brown clay pebbles 39; soft grey limestone 65. Water at 60. Coarse gravel 50; soft grey limestone 60. Water at 52. Pine sand 40; gravel 46; soft limestone 59. Water at 46. Clay gravel 10; blue grey limestone 50. Dry hole. Clay 8; soft limestone 35. Water at 25. Pine sand 18; coarse gravel 33; hard limestone 39. Water at 18. Clay stones 5; limestone 30. Water at 22. Clay gravel 12; limestone 40. Water at 40.
Frankford	D. Wileman	"	Dec. 8	6	4	30	8	"	D	Clay stones 12; limestone 73. Water at 30. Dug 20; limestone 59. Water at 25. Soft limestone 35. Water at 15.
Frankford	R.H. Abbott	"	Dec. 10	6	5	23	14	"	D	Clay 14; hard limestone 26. Water at 20. Dug 13; sand gravel 102; limestone 53. Water at 50. Clay boulders 10; limestone 35. Water at 24. Clay boulders 14; limestone 42. Water at 24. Limestone 40. Water at 35.
Frankford	H.J. Carter	"	Dec. 11	6	5	10	4	"	D	Clay 3; shale limestone 5; red granite 40. Water at 30.
Herschel Twp.	R.W. Jenkins	L.B. MacDonald	Dec. 14	6	1	52	16 1/2	Fresh	D	
HRW	A. McPherson	V.H. Marquardt & Sons	Feb. 23	5	4	102 1/2	18 1/2	"	D	
Mungerford Twp.	Wm. Jenkins	T. Donaldson & Son	Aug. 8	6	10	110	60	Fresh	D	
Con II	J.A. Stevens	T.A. Richmond	Nov. 17	6	5	35	16	"	D	
Con IV	R. Woods	T. Donaldson & Son	Apr. 30	6	20	50	37	"	D	
Con IV	"	"	Dec. 10	6	10	36	10	"	D	
Con IV	H. Coulson	"	Oct. 16	6	2	34	5	"	D	
Con VI	V. Healey	"	June 30	6	4	46	15	"	D	
Con IX	Hunters Veneer	"	Aug. 14	6	10	10	6	"	Ind	
Con IX	H. Caffney	J. Knox	Sep. 4	6	4	70	12	"	S	
Con XI	Ed Cassidy	T. Donaldson & Son	July 7	6	3	55	20	"	D	
Con XI	"	"	July 2	6	3	61	20	"	D	
Con XI	W. Bruna	"	June 19	6	4	30	15	"	D	
Con XI	E. Barry	"	June 22	6	4	30	10	"	D	
Con XI	E. Courneyea	"	June 26	6	4	27	10	"	D	
Huntingdon Twp.	G. Thompson	T. Donaldson & Son	Dec. 8	6	2	45	20	Fresh	D	
Con III	J. Vanderwater	"	Dec. 16	6	20	60	10	"	D	
Con III	D. Holbert	"	Dec. 31	6	10	52	52	"	D	
Con III	C. Latchford	"	Apr. 25	6	8	11	44	"	D	
Con V	J. Wallace	L.H. McClellon	Nov. 6	6				"	D	
Con V	School S. #8	T. Donaldson & Son	Nov. 19	6	20	5	5	"	P	
Con VI	R. Post	"	Oct. 19	6	10	39	11	"	D	
Con VII	B. Barnhart	E. Taylor	Oct. 20	6	3	30	6	"	D	
Con VIII	Standard Pro-	"	Sep. 16	6	15	16	10	"	D	
Con IX	testant Church	"	Oct. 6	6	2	50	20	"	D	
Con X	A. Holland	"	Oct. 14	6	2	40	20	"	D	
Con X	Wm. Downey	"	Aug. 19	6	10	13	13	"	D	
Con X	Wm. Ash	"	Sep. 8	6	8	15	9	"	D	
Con X	J. Moore	T. Donaldson & Son	Aug. 29	6	6	13	13	"	S	
Con X	S. Wicks	E. Taylor	Oct. 28	6	7	10	10	"	S	
Con XII	W. Holland	"	Nov. 6	6	2	28	18	"	D	
Con XII	"	"	Dec. 10	6	7	28	18	"	D	
Con XII	S. Ray	"	Aug. 17	6	20	20	20	"	D	
Con XII	E. Demille	T. Donaldson & Son	Aug. 17	6	20	20	20	"	D	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

## APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY - cont.										
Limerick Twp. Con I	lot 2 " 2 " 2	W.Hoskins C.J.Oyster	July 17 July 24	6 6	5 5	40 38	8 20	Fresh "	D D	Sand stones 7;blue black rock 40. Water at 40. Sand 3;blue-black rock 38. Water at 38.
Madoc Twp. Con III	lot 13 " 14 " 19 " 19 " 14 " 12 " 2 " 2	E.Boyle Wm.McMay T.Donaldson & Son " " S.Franks J.Irwin L.Webb R.Peaker C.J.Praser E.Taylor E.Rose	Dec. 15 Oct. 9 Oct. 14 Oct. 2 Sep. 24 Sep. 30 Aug. 15 Sep. 7 Nov. 16	6 6 6 6 6 6 6 6 6	8 10 10 10 12 12 12 12 5	30 50 45 25 56 40 200 31	30 30 25 8 25 4 26 21½	Fresh " Fresh " " " " " Fresh	D D D D D D D P	Sandy clay 8;hard blue rock 63. Water at 58. Clay 10;red granite 54;black granite 70. Dry hole. clay 8;red granite 40. Dry hole. clay 14;soft red granite 59. Water at 50. clay 8;black granite 56. Water at 45. clay boulders 14;red granite 40. Water at 32. Sandy clay 5;black rock 200. Water at ? Colored sandy rock 16;buff yellow hard rock 50. Water at 35.
Marmora Village		Corp.of Marmora	Feb. 26	8	50	23	21½	Fresh	P	Clay boulders 9;hardpan clay 15;shale limestone 17½;grey limestone 25;white limestone 45;green white limestone 50; red shale 55;white limestone 58;red shale 64;red volcanic rock 65. Water at 18 and 46.
Marmora Village		J.McCrowden	Mar. 4	10	13	70	8	Fresh	N	Top soil 2½;clay boulders 19;hardpan clay 33;layers of limestone shale 72;black rock 73. Water at 39 and 70.
Marmora Village		R.Fleming	Mar. 11	10	10	93	11	Fresh	P	Top soil 1;clay boulders 32;hardpan clay boulders 48;limestone 63;shale 92;black rock 93. Water at 63.
Marmora Village		Village of Marmora	Mar. 25	8			Flows		T	Clay boulders 38;limestone 48;red shale 52;limestone red shale 93. Precambrian rock 95.
Marmora Village		Wells Bros.	May 16	6	10	12	12	Fresh	D	Hardpan clay 16;limestone 60. Water at 55.
Marmora Village		C.Shannon	Aug. 10	6	5	27	16	"	D	Overburden 44;limestone 58. Water at 48 and 52.
Marmora Twp.	lot 6 Con II " 7 Con V " 1 Con VI " 20 Con VIII	E.Martin G.Watts W.K.Bonter Armsstrong Bros " " " " C.McGoy P.Murphy	May 25 June 9 Dec. 16 July 23 July 28 Apr. 4 Aug. 22	6 6 6 6 6 6 6	5 1 9 5 20 16 10	20 88 35 45 60 20 14	10 26 15 15 10 11 12	Fresh Sulphur Fresh " " " "	D C D In In D D	Hardpan clay 14;limestone 35½. Water at 30. Top soil 1;limestone 88. Water at 35. Clay 3;limestone 41;red shale 55. Water at 50. Dug 15;limestone 50. Water at 48. Limestone 96;red shale 166;Precambrian rock 168. Water at 96 and 165. Sand 6;hard blue rock 32. Water at 28. Clay 7;grey and red limestone 83. Water from 35 to 80.
Radon Twp.	lot 11 Con I " 13	C.J.Praser Reycraft & Day	June 21 Nov. 5	6 5	4 8	16 55	16 20	Fresh "	P S	Blue clay 16;hardpan clay 22;gravel 25. Water at 25. Coarse gravel loam 22;limestone layers of sand 65. Water at 40 and 60.
Con I	" 14	J.Bailey Reycraft & Day	Oct. 1	5	2	6	6	"	D	Dug 12;blue clay 16. Water at 16.
Con I	" 14	H.Bird	Oct. 17	5	8	10	37	"	S	Pit 8;limestone 31. Water at 10 and 28.
Con I	" 14	A.McDonnell	Nov. 16	5	8	8	6	"	D	Dug 21;limestone 70. Water at 70.
Con II	" 16	H.Bird	Oct. 16	5	8	7	7	"	D,S	Pit 8;limestone 24. Water from 20 to 23.
Con II	" 16	F.Jeffs	Oct. 20	6	10	7	7	"	S	Dug 10;limestone 16. Water from 12 to 15.
Con II	" 16	" "	Oct. 21	6	8	12	9	"	P	Dug 10;clay gravel 15; Water at 15.
Con II	" 18	Allan's School	Oct. 21	5	10	12	7	"	P	Deepened well 11;rock 25. Water at 20 and 24.
Con II	" 22	J.Bailey	Sep. 14	5	3	7	7	"	D	Dug 12;limestone 16. Water at 16.
Con II	" 22	B.Merrick	Oct. 29	6	5	29	29	Fresh	S	Old well 21;limestone 70. Dry hole.
Con II	" 22	C.Dunham	Dec. 16	6	5	29	29	Fresh	S	Top soil 3;fine gravel sand 15;grey limestone 65. Dry hole.
Con IV	" 13	B.Summers & Son	Dec. 14	6	5	39	20	Fresh	D,S	Dug 34;limestone layers of sand 50. Water at 36 and 48.
Con IV	" 16	Reycraft & Day	Oct. 12	6	3	39	20	Fresh	D,S	Clay 7;limestone 50. Dry hole.
Con IV	" 19	C.J.Praser	Oct. 9	6	3	39	20	Fresh	D,S	Clay 22;limestone 39. Water at 35.

HASTINGS COUNTY- cont.

Hawdon Twp. cont.		C. J. Fraser		Sep. 15	8	14	28	18	Fresh	D	Old well 18; limestone 48. Water at 43.	
Con IV	lot 24	A. E. Toombs									Old well 18; limestone 48. Water at 43.	
Con V	"	J. Sharp		Sep. 24	6	4			"		Clay 6; limestone 50. Dry hole.	
Con VI	"	J. Forestell		Sep. 1	5	2	24	20	"	D, S	Sand clay 12; grey limestone 61. Water at 54.	
Con VII	"	W. Reid		Sep. 19	5	2	24	16	"	D	Dug 17; limestone 73. Water at 73.	
Con X	"	C. Colden		Dec. 22	6	21	20	10	"	D	Clay boulders 7; limestone 35. Water at 25.	
Con X	"	R. Shortt		Sep. 22	6				"		Old well 28; limestone 125. Dry hole.	
Con X	"	M. Heath		Oct. 7	6				"		Clay 4; limestone 100. Dry hole.	
Con XI	"	G. Williams		May 28	6	10	10	10	"	D, S	Dug 20; limestone 62. Water at 60.	
Con XII	"	K. Bain		Jan. 25	6				"		Dug 16; limestone 44. Dry hole.	
Con XII	"	B. Rose		May 26	6	3	18	18	"	D	Hardpan clay 12; limestone 47. Water at 45.	
Con XII	"	B. Thomson		Apr. 26	6	3	55	18	"	D, S	Previously dug 16; limestone 60. Water at 55.	
Con XIV	"	I. Danford		June 29	6	3	22	12	"	D, S	Limestone 44. Water at 40.	
Sidney Twp.												
Con I	lot 1	P. Reid		Sep. 3	6	2			Fresh	D	Hardpan clay 20; sand gravel 26. Water at 26.	
Con I	9	A. Mallory		Oct. 22	6	15	37	12	"	D	Sand 3; hardpan 9; limestone 41. Water at 35.	
Con I	"	P. Bowers		May 12	6	3	48	27	"	D	Clay 15; hardpan 24; limestone 47. Water at 47.	
Con I	"	J. Dale		Sep. 27	6	3	40	24	"	D	Previously drilled 50; limestone 60. Water at 53.	
Con I	"	H. Gingsras		Oct. 14	6	5	20	10	"	D	Clay 10; hardpan 19; gravel 23; limestone 27. Water at 27.	
Con I	"	I. Zalar		Oct. 14	6	5	22	10	"	D	Gravel 8; hardpan 20; limestone 30. Water at 25.	
Con I	"	H. Gingsras		Dec. 15	6	7	15	15	"	D	Clay 17; hardpan 20; limestone 30. Water at 21.	
Con I	"	C. Sills		Mar. 2	6	7	27	18	"	D	Dug 9; sand 15; clay 25; hardpan 38; limestone 43. Water at 43.	
Con I	"	C. Ketcheson		June 10	6	3	27	10	"	D	Clay 4; hardpan 2; gravel 26; limestone 33. Water at 33.	
Con I	"	H. Cooney		Aug. 21	6	3	24	20	"	D	Dug 2; hardpan 2; limestone 38. Water at 37.	
Con I	"	"		Aug. 24	6	5	21	15	"	C	Sand gravel fill 2; clay 16; hardpan 30; gravel 34; limestone 40. Water at 32.	
Con I	"	"		Sep. 1	6	5	25	15	"	D	Sand 12; clay 30; limestone 38. Water at 35.	
Con I	"	T. Donaldson & Son		Mar. 13	6	1	104	44	"	D	Clay 12; gravel 3; limestone 104. Water at 77.	
Con I	"	"		Mar. 23	6	2	110	15	"	D	Clay 5; shale limestone 7; soft limestone 110. Water at 78.	
Con I	"	H. E. Jones & Son		Oct. 27	6	1	60		"	D	Clay 4; hardpan 15; limestone 60. Water at 15.	
Con I	"	T. Donaldson & Son		Oct. 22	6				"		Clay 4; soft limestone 60. Dry hole.	
Con I	"	"		Oct. 26	6				"		Clay 4; soft limestone 50. Dry hole.	
Con I	"	H. E. Jones & Sons		July 22	6	1	65	10	"	D	Clay 2; hardpan 10; limestone 65. Water at 65.	
Con I	"	T. Donaldson & Son		Oct. 28	6				"		Clay 2; soft limestone 60. Dry hole.	
Con I	"	H. E. Jones & Son		July 20	6	2	60	8	"	D	Clay 2; hardpan 10; limestone 60. Water at 21.	
Con I	"	"		Oct. 19	6	10	67	9	"	D	Previously drilled 27; limestone 67. Pumping rate 25 g.p.h.	
Con I	"	C. J. Fraser		Nov. 3	6	2	29	12	"	D	Dug 1; hardpan 44; clay 20; limestone 9. Water at 20.	
Con I	"	H. E. Jones & Sons		Dec. 18	6	5	35	14	"	D	Clay 7; hardpan gravel 14; limestone 35. Water at 14.	
Con I	"	E. Colburne		Oct. 15	6	2	29	14	"	D	Dug 12; limestone 47. Water at 49.	
Con I	"	R. Komata		July 14	6	4	54	10	"	P	Dark clay 20; limestone 54. Water at 40.	
Con I	"	E. Tuck		Feb. 3	6	1	30	12	"	P	Clay 1; soft limestone 30. Water at 12.	
Con I	"	W. Cooney		Apr. 1	6	15	40	4	"	D	Clay 1; shale limestone 15; soft limestone 50. Water at 16.	
Con II	"	M. Cooney		May 18	6				"		Clay 2; limestone 52. Dry hole.	
Con II	"	E. Evans		Sep. 16	6				"		Clay 2; limestone 52. Dry hole.	
Con II	"	School S. #6		Aug. 17	6	5	25	15	"	P	Clay 4; hardpan boulders 30; coarse sand 36; hardpan boulders 36; limestone 73. Water at 70.	
Con II	"	W. Sandbrook		Sep. 15	6	4	67	9	"	D	Dug 11; hardpan 15; limestone 67. Water at 53.	
Con II	"	E. Harty		Aug. 12	6	3	58	20	"	D, S	Dug 2; hardpan 40; limestone 58. Water at 55.	
Con II	"	E. Stickle		Apr. 15	6	3	20	6	"	D	Black loam 3; clay small boulders 20; gravel sand hardpan 30; coarse gravel 36. Water at 32.	
Con II	"	"		Sep. 28	6	4	48	15	"	D	Clay 13; soft limestone 48. Water at 15.	
Con III	"	P. Means		May 29	6	2	26	10	"	D	Clay 4; hardpan 26. Water at 26.	
Con III	"	S. Van Vark		Sep. 21	6	4	50	15	"	D	Stones clay 11; grey limestone 50. Water at 22.	
Con III	"	L. H. McClennon		Jan. 22	6	2	50	15	"	D	Dug 12; sand gravel 25; limestone 50. Water at 50.	
Con IV	"	G. Harrington		June 18	6	2	18	8	"	D	Clay 13; limestone 20. Water at 18.	
Con V	"	A. Rogers							"			

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY- cont.										
Sidney Twp. cont.										
Con V lot 1	L.Arcon	H.E.Jones & Son	July 3	6						Brown loam 3; clay boulders gravel 24; limestone 55. Dry hole.
Con V lot 1	Z.Albert	C.J.Fraser	Sep. 10	6	3	55	8	Fresh	D	Previously dug 8; clay boulders 14; limestone 63. Water at 16.
Con V lot 1	L.Arcon	H.E.Jones & Son	Sep. 21	6				"	D	Sand & sand gravel 13; hardpan 23; limestone 45. Dry hole.
Con V lot 1	V.Bush	C.J.Fraser	Feb. 14	6	1 1/2	45	4	"	D	Top soil 1; clay 8; limestone 45. Water at 20.
Con V lot 1	H.Montgomery	T.Donaldson & Son	June 13	6	2	45	40	"	D	Fine sand 40; pea gravel 25. Water at 40.
Con V lot 1	C.Westlake	H.E.Jones & Sons	Oct. 12	6	6	45	25	"	D	Clay & sand gravel 62; gravel 64. Water at 64.
Con V lot 1	C.Elliott	T.Donaldson & Son	Sep. 22	6	10	30	15	"	D	Clay 27; soft limestone 35. Water at 30.
Con VI lot 1	A.McKinley White	H.E.Jones & Son	June 25	6				"	D	Clay gravel 17; limestone 30. Dry hole.
Con VI lot 1	A.Revay	T.Donaldson & Son	May 14	6				"	D	Clay 2; hardpan 36; limestone 80. Water at 80.
Con VI lot 1	C.Hine	"	June 6	6	2	80	30	Fresh	D	Clay & soft limestone 60. Water at 60.
Con VI lot 1	N.Parks	"	Nov. 26	6	1 1/2	27	27	"	D	Fine sand 62; fine gravel 64. Water at 64.
Con VII lot 1	M.Thomas	"	Dec. 23	6	1 1/2	46	15	"	D	Sand 30; gravel 36; limestone 46. Water at 39.
Con VIII lot 1	V.Harry	J.Bailey	Oct. 5	6	0	0	0	"	D	Fine gravel 31; blue clay 37; limestone 42. Water at 42.
Con IX lot 1	C.J.Fraser	C.J.Fraser	May 1	6	2	60	33	"	D,S	Previously drilled 33; limestone 70. Water at 66.
Stirling Village	C.Opeland	C.J.Fraser	Oct. 21	6	10	30	18	Fresh	D	Clay 26; sand 52; sandy gravel 63; hardpan 72; gravel 75. Water at 75.
Thurlow Twp.										
BF Con I lot 16	C.Iine	G.H.Chalk Jr.	Nov. 23	6	2	54	10	Fresh	D	Clay 20; limestone 54. Water at 19 and 40.
BF Con I lot 17	J.Uens	"	Oct. 13	6	34	41	15	"	D	Clay 16; limestone 41. Water at 37.
BF Con I lot 18	W.Lasher	"	Nov. 17	6	4	20	12	"	D	Clay 15; limestone 40. Water at 34.
BF Con I lot 19	C.Grass	"	June 10	6	6	40	12	"	D	Clay 4; limestone 40. Water at 37.
BF Con I lot 20	M.Bradshaw	"	Nov. 18	6	6	64	22	"	D	Limestone 64. Water at 60.
Con I lot 15	J.Zalatorias	"	Apr. 18	6	12	27	6	"	D	Limestone 27. Water at 25.
Con I lot 16	W.Grills	L.H.McClennon	Nov. 19	6	6	20	12	"	D,S	Clay gravel 16; grey limestone 29. Water at 25.
Con I lot 17	G.Grass	G.H.Chalk Jr.	June 8	6	2	40	15	"	D	Clay gravel 10; limestone 40. Water at 22 and 37.
Con II lot 1	K.Gordon	T.Donaldson & Son	May 17	6	1	40	10	"	D	Clay 1; soft limestone 40. Water at 20.
Con II lot 2	C.Layutte	"	May 21	6	4	56	10	"	D	Clay 4; soft limestone 50. Water at 45.
Con II lot 3	P.Holloran	"	July 9	6	1	36	16	"	D	Clay 16; soft limestone 43. Water at 30.
Con II lot 4	H.McFarland	"	Oct. 18	10	2 1/2	60	3	"	D	Clay 2; limestone 60. Water at 13.
Con II lot 5	C.Beich	T.Donaldson & Son	Feb. 14	6	1	12	8	"	D	Clay 1; limestone 2; soft limestone 12. Water at 8.
Con II lot 6	Black Diamond Cheese Co.	B.Summers & Son	Sep. 30	6	3 1/2	107	35	Sulphur	In	Top soil 3; fine sand gravel 42; grey limestone 107. Water at 50.
Con II lot 7	J.Carson	"	Sep. 30	6	3	45	30	Fresh	In	Top soil 3; fine sand gravel 44; limestone 80. Water at 45.
Con II lot 8	R.Alexander	T.Donaldson & Son	June 3	6	2	36	20	"	D	Clay 1; soft limestone 36. Water at 30.
Con II lot 9	A.Lush	"	Apr. 15	6	1	100	5	"	D	Clay 7; soft limestone 10. Water at 80.
Con III lot 1	W.McConkey	G.H.Chalk Jr.	June 16	6	2	68	20	Sulphur	D	Clay 9; soft limestone 68. Water at 50.
Con III lot 2	A.Fearce	"	Oct. 19	6	20	56	10	Fresh	D	Clay gravel 17; limestone 56. Water at 17.
Con III lot 3	A.Fearce	"	Oct. 22	6	1	36	15	"	D	Clay gravel 17; limestone 56. Water at 11.
Con III lot 4	Wm.Crook	T.Donaldson & Son	Mar. 3	8	< 3	39	15	"	D	Clay 2; limestone 39. Water at 25.
Con III lot 5	Cannifton Community Centre	"	Sep. 4	6	10	20	24	Sulphur	D	Sand 5; soft limestone 39. Water at 33.
Con III lot 6	J.S.Atkins	"	Dec. 3	6	10	30	4	Fresh	D	Dark sandy soil 2; soft grey limestone 36. Water at 30.
Con III lot 7	H.Putnam	G.H.Chalk Jr.	Apr. 25	6	17	31	10	"	D	Gravel 2; limestone 31. Water at 30.
Con III lot 8	G.Thomas	T.Donaldson & Son	Apr. 28	6	2 1/2	43	20	"	D	Clay 4; limestone 43. Water at 30.
Con III lot 9	M.Latta	G.H.Chalk Jr.	July 21	6	2	50	20	"	D	Clay 3; soft limestone 50. Water at 35.
Con III lot 10	H.Farnham	"	July 30	6	1	57	30	Sulphur	D	Clay 5; limestone 57. Water at 53.
Con III lot 11	"	"	Aug. 6	6	10	37	12	Fresh	S	Clay 7; limestone 37. Water at 35.
Con III lot 12	"	"	Aug. 11	6	15	41	20	"	D	Clay sand 8; limestone 41. Water at 25.
Con III lot 13	Black Diamond Cheese Co.	B.Summers & Son	June 29	6	2	85	20	Sulphur	In	Top soil 4; boulders 16; gravel 38; limestone 85. Water at 40.
Con III lot 14	C.Wessels	G.H.Chalk Jr.	Aug. 8	6	10	34	10	Fresh	D	Clay 4; limestone 34. Water at 30.
Con III lot 15	J.Skurka	T.Donaldson & Son	July 13	6	3	44	20	Sulphur	D	Clay 10; soft limestone 44. Water at 39.
Con III lot 16	B-A Oil Co.	"	Sep. 1	6				"	D	Shale limestone 3; soft limestone 135. Dry hole.

## HASTINGS COUNTY- cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY- cont. Tyndinaga Twp. cont. SR Con III lot 30 SR Con III " 30 SR Con III " 31 Wollaston Twp. Con VI lot 14 Con VIII " 14 Con VIII " 15 Con X " 16 Con X " 18	A. Brant	G. H. Chalk Jr.	Mar. 31	6	20	15	8	Fresh	D	Shale 1: limestone 42. Water at 40.
	L. Sero	"	Apr. 10	6						Shale 2: limestone 75. Dry hole.
	J. Brant	G. H. Chalk Jr.	Oct. 3	6	1	36	10	"	D	Shale 5: limestone 36. Water at 30.
	W. Henriksen	L. B. MacDonald	July 4	6			3 1/2	Fresh	D	Sand 42 3/4. Water at 42 3/4.
	A. Smith	Rabb Diamond Drilling	Aug. 28	2	3	12	8	"	D	Brown clay 1: red granite 17. Water from 12 to 17.
	P. Hiltz	"	Aug. 31	2	2	25	18	"	D	Fine sand 2: red granite 40. Water from 25 to 40.
	A. Wasmond	"	Aug. 20	2	2	18	14	"	D	Fine sand 9: grey granite 44. Water from 18 to 44.
	J. Anderson	"	Aug. 26	2	1	40	8	"	D	Fine sand 1: grey granite 46. Water from 12 to 42.
HURON COUNTY Ashfield Twp. ED Con III lot 12 FC NTP " 14 FC NTP " 22 FC NTP " 43 FC NTP " 45 WD Con VI " 6 WD Con IX " 3 Colborne Twp. ED Con III lot 1 WD BF " 12 WD BF " 17 WD Con VIII " 6 WD Con VIII " 6 WD " " C East Wawanosh Twp. Con V lot 31 Con VIII " 29 Con IX " 30	H. Elliott	G. L. Davidson	July 28	4	10	127	118	Fresh	D, S	Top soil 3/4: hardpan 8; clay 44; sand 46; layers hardpan quicksand 100; hard grey shale 123; caving grey shale 125; grey/brown limestone 137; light brown limestone 145. Water at 145.
	G. Frayne	W. D. Hopper	Dec. 3	4	10	70	63	"	D	Yellow clay stones 18; blue clay 82; hardpan 101; gravel 106; brown rock 142. Water at 142.
	J. F. Wenzel	G. L. Davidson	Aug. 20	4	6	55	20	"	D	Layers of sand clay 4 to 204; shaly clay 299. Water from 230 to 299.
	Farrow & McDonald	G. L. Davidson	May 13	6	40	-	Flows	"	P	Sand 16; blue clay 92; sandy gravel 118; brown shale 145. Water at 145.
	R. Shiell	"	May 13	6	40		"	"	P	Sand 16; blue clay 92; sandy gravel 118; brown shale 145. Water at 145.
	W. Hogan	W. D. Hopper	May 6	4	10	80	70	"	D, S	Hardpan 20; blue clay 60; hardpan 75; brown limestone 136. Water at 136.
	J. Fitzgerald	G. L. Davidson	June 5	4	10	78	63	"	D	Top soil 1: sand 3; clay 100; sandy hardpan 120; sandy gravel 134; hardpan 152; shale 167; brown rock 181. Water at 181.
	A. Fischer	G. L. Davidson	Nov. 6	4	7	168	161	Fresh	S	Clay 25; sandy gravel 103; hardpan 146; sand 151; hardpan 172; shale 175; grey rock 200. Water at 200.
	G. Blinkhorn	W. D. Hopper	June 17	4	10	64	57	"	D	Sandy loam 20; blue clay 110; loose rock 115; brown limestone 153. Water from 115 to 153.
	L. Brindley	G. L. Davidson	July 27	4	10	90	79	"	D	Stony clay 16; blue clay 78; stony hardpan 84; soft brown shale 94; hard brown limestone 103. Water at 103.
	J. Prest	"	July 17	4	7	120	90	"	D	Dug 20; sand gravel 26; blue clay 44; sand 48; blue clay 74; sand gravel 98; soft brown shale 183. Water at 183.
	"	"	Oct. 9	4	7	120	90	"	D	Previously drilled 183; soft brown shale 24 3/4. Water from 199 to 243.
	A. Riehl	W. D. Hopper	Sep. 23	4	10	136	127	"	D, S	Sand 28; blue clay 118; hardpan 130; brown rock 230. Water at 230.
	School S. #6	G. L. Davidson	Aug. 28	4	12	100	83	Fresh	P	Sand 18; stony hardpan 56; sandy gravel 68; clay sand 88; sand gravel 108; stony hardpan 134; brown shale 140; soft brown limestone 189. Water at 189.
	C. Robinson	"	Jan. 22	4	10	82	67	"	D, S	Top soil 3: red clay 9; sand clay hardpan 55; gravel 60; hardpan 114; soft shale 148; soft brown limestone 177. Water at 177.
	F. Eckenswiller	"	Sep. 22	4	10	40	35	"	D, S	Brown clay 28; sand gravel 48; quicksand 96; black sand 108; quicksand 148; coarse sand 158; hardpan 172; soft brown shale 176; soft brown rock 219. Water at 219.



HURON COUNTY- cont.

East Wawanosh Con IX	lot 34	J. McBurney	G. L. Davidson	Sep. 9	4	12	35	18	Fresh	D	Sand 8; stony hardpan 42; coarse gravel 48; stones 52; sandy gravel 58; stones 60; hardpan 76; sandy gravel 84; hardpan 102; shale 122; soft limestone 168. Water at 168.
Con XIV	" 29	G. Rintoul	"	Mar. 11	4	10	42	38	"	D, S	Stony hardpan 16; coarse gravel 18; sandy gravel 36; hardpan 62; hard clay 8; stony hardpan 102; soft brown limestone 152. Water at 152.
Con XIV	" 42	C. Krug	"	Oct. 21	4	15	42	37	"	D	Top soil 3; stony hardpan 30; gravel 42; sand 76; soft red shale 126; brown rock 146. Water at 146.
Goderich		S. McManus	W. D. Hopper	June 12	4	10	118	110	Fresh	Ind	Pine gravel 18; blue clay 105; hardpan 125; loose rock 135; brown limestone 203. Water at 203.
Goderich Twp. BC	lot 11	A. R. McPhail	F. Jackson	Nov. 14	4	8	160	28	Fresh	D, S	Gravel 8; sand 60; sandy stony clay 182; grey limestone 192; red limestone 200. Water at 100 and 182.
BC	" 79	S. Willits	W. D. Hopper	Mar. 24	4	10	35	32	"	D	Clay 90; hardpan stones 108; grey limestone 160. Water from 130 to 160.
Con V	" 8	H. Watkins	G. L. Davidson	July 10	4	12	152	142	"	D, S	Brown clay 12; gravel clay 16; brown clay 38; sandy gravel 46; blue clay 8; quicksand 88; marl 92; blue clay 108; sand clay gravel 134; hardpan 152; hard grey shale 157; hard brown limestone 206. Water at 206.
Con VII	" 28	R. Cox	W. D. Hopper	Oct. 30	4	10	196	190	"	D, S	Blue clay 80; sand 120; clay stones 194; brown rock 244. Water at 244.
HR	" 21	Ont. Dept. of Highways	C. Goodberry Well Drilling	July 4	7	30	45	43	"	P	Clay boulders 97; grey coarse gravel 105; brown limestone 106. Water at 106.
HR	" 100	L. Anderson	W. D. Hopper	Nov. 26	4	10	160	150	"	D	Hardpan 20; sand 105; hardpan 135; gravel 140; hardpan 152; gravel 157; brown limestone 218. Water at 218.
MC	" 83	Holmesville School	"	Oct. 8	4	10	187	180	"	P	Sand 92; clay 104; sand 126; grey rock 212. Water at 212.
Grey Twp. Con I	lot 41	G. Stewart	C. Keeso	July 9	3	12	40	35	Fresh	D, S	Top soil 3; clay 40; sandy clay gravel 80; shale 97; brown limestone 150; white limestone 216. Water from 190 to 216.
Con II	" 19	H. B. Daniee	"	Jan. 20	4	15	5	5	"	D, S	Dug 28; sandy clay 75; silty sand gravel 130; sand gravel 185; shale 174; brown limestone 203. Water at 200.
Con II	" 35	Wm. Kretzel	R. Gadke	Aug. 12	4	12	18	18	"	D, S	Gravel 8; clay hardpan 48; brown limestone 122. Water at 120.
Con XI	" 24	A. Smith	C. Keeso	June 6	4	12	17	17	"	D, S	Top soil 3; hardpan boulders 65; sandy clay 75; brown shale 90; brown limestone 142. Water from 140 to 142.
Con XII	" 17	E. M. Steiss	"	Sep. 7	4	12	16	15	"	D, S	Top soil 3; clay boulders 60; gravel limestone 85; shale 90; brown limestone 118. Water at 118.
Con XV	" 7	B. Bredhagen	W. D. Hopper	Dec. 8	4	12	15	13	"	D, S	Sandy clay 14; clay stones 28; hardpan 70; limestone 128. Water from 115 to 125.
Hay Twp. Con XIV	lot 12	O. Sytma	W. D. Hopper	Jan. 12	4	8	118	115	Fresh	D, S	Clay 115; hardpan 135; grey limestone 180. Water from 170 to 180.
Con XIV	" 23	L. Ducharme	"	Feb. 20	4	10	124	120	"	D, S	Sand 10; hardpan 40; blue clay 120; hardpan stones 138; grey limestone 185. Water from 185 to 185.
LRC	" 3	A. Denomme	"	Apr. 2	4	12	76	71	"	D, S	Clay 30; clay stones 110; hardpan 135; brown limestone 170. Water from 160 to 170.
LRC	" 7	I. Ducharme	"	May 22	4	12	58	54	"	P	Clay 80; clay stones 140; limestone 174. Water from 150 to 174.
KRC	" 18	L. McCauley	"	Mar. 10	4	10	70	65	"	D	Blue clay stones 100; hardpan stones 140; grey limestone 160. Water from 150 to 160.
LRC	" 25	C. Langford	A. A. Heal	Aug. 3	4	6	54	44	"	D	Top soil 1; yellow clay 19; light blue clay 115; loose grey lime-stone 122; limestone 123. Water from 122 to 123.
Howick Twp. Con A	lot 26	E/M Gibson	E. Keeso	June 11	4	12	9	8	Fresh	D	Clay boulders 30; gravel clay 57; brown shale 77; brown limestone 144. Water at 144.
Con IV	" 31	M. Berlett	"	Dec. 7	4	14	36	17	"	S	Top soil 3; hardpan boulders 50; blue clay 70; red shale 75; grey limestone 115; brown limestone 203. Water from 110 to 203.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - INCH METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY-cont. Howick Twp. Con VI	lot 20	T. Shaeffer	Aug. 20	4	10		Flows	Fresh	C	Dug 18; gravel clay 41; brown shale 66; hard brown limestone 88. Water at 88.
	" 10	S. Strong	May 28	4	12	39	38	"	D,S	Dug 28; hardpan boulders 61; gravel clay 78; brown shale 97; brown limestone 98. Water at 98.
	Con VII	"	Aug. 12	4	8		Flows	"	D	Dug 14; clay 32; gravel clay 46; brown shale 65; white limestone 93. Water at 93.
	Con VII	"	Dec. 12	4	14	12	6	"	D	clay 29; gravel clay stones 52; grey shale 61; grey limestone 113. Water at 113.
	Con VII	"	Aug. 8	4	14	15	13	"	P	clay 12; gravel clay 32; hardpan 61; brown shale 78; brown limestone 169. Water at 169.
	Con VIII	"	July 10	4	18	37	36	"	D	Dug 31; clay sand 57; gravel clay 64; shale 78; brown limestone 124. Water at 124.
	Con IX	"	July 17	4	14	14	14	"	D	Dug 11; clay hardpan 56; shale loose rock 66; brown limestone 111. Water from 80 to 111.
	Con XIV	"	Aug. 29	4	14	26	24	"	D,S	clay 12; brown gravel clay 37; gravel 42; brown shale 48; brown limestone 89. Water at 89.
Hullett Twp. Con I	lot 1	A. Crozier	Sep. 17	4	10	54	45	Fresh	D,S	Fine gravel 51; clay stones 70; grey limestone 98. Water at 98.
	Con II	A. Riley	Sep. 9	4	6	300	297	"	D,S	Yellow clay 16; sand 34; stones clay 106; hardpan 126; brown rock 327. Water at 327.
	Con IX	"	Aug. 5	4	10	59	47	"	D,S	Yellow clay stones 35; fine gravel 42; blue clay 58; gravel 62; grey rock 111. Water at 111.
	Con IX	"	Jan. 5	4	10	115	88	"	D,S	Top soil 6; yellow sand 20; white sand 42; red clay 44; hardpan clay 80; quicksand 101; hardpan 142; shale 144; limestone 155. Water at 155.
	Con V	"	Oct. 3	4	12	25	23	Fresh	D,S	Sand 30; clay stones 45; hardpan 65; limestone 145. Water from 130 to 140.
McKillop Twp. Con II	lot 23	J. Jansen	July 26	4	10	9	5	"	D,S	Sand 18; clay stones 48; grey limestone 108. Water at 108.
	Con V	P. Maloney	Nov. 23	4	12	50	48	Fresh	D,S	Top soil 2; hardpan boulders 20; blue clay 50; sand clay 102; red shale 115; brown limestone 156. Water at 156.
Morris Twp. Con IV	lot 11	F. Garniss	Nov. 25	4	10	30	28	"	D,S	Fill 51; clay 20; clay stones 55; hardpan 78; limestone 126. Water from 110 to 125.
	Con V	W. Armstrong	Sep. 22	4	10	21	19	"	D,S	Clay stones 46; limestone 116. Water from 100 to 115.
	Con VI	C. White	May 26	4	12	32	29	"	D,S	Dug 32; blue clay 85; brown shale 105; brown limestone 190; blue limestone 255. Water from 250 to 255.
	Con VIII	B. D. Smith	June 6	4	10	52	46	"	D,S	Clay 18; gravel clay 32; stones clay 90; hardpan 108; brown limestone 173. Water at 173.
	Con X	H. Brown	May 27	4	10	28	24	"	D,S	Clay gravel 30; clay stones 70; gravel 75; hardpan 107; limestone 163. Water at 163.
	Con X	C. Shobbrook	July 15	4	10	20	16	"	D	Old well 14; fine gravel 34; blue clay stones 65; grey limestone 85. Water at 85.
	Con X	N. Reid	Nov. 13	4	10	13	12	"	D	Fill 5; sandy clay 20; hardpan 40; clay stones 68; limestone 92. Water from 87 to 92.
	Con X	J. Hislop	Oct. 15	4	10	33	27	Fresh	D	Sand 4; blue clay 65; stones 70; hardpan 104; brown rock 130. Water at 130.
Stanley Twp. Bayfield	"	D. Thain	Nov. 26	4	10	50	40	"	D	Black sandy soil 2; white sand 10; sandy clay 100; gravel grey limestone sand stones 134; grey limestone 140. Water at 133.
	Bayfield	C. McRae	May 5	4	10	262	260	"	D,S	Clay stones 20; clay 120; stones sand clay 260; brown limestone 314. Water from 300 to 314.
	Con X	J. Robinson								

W.D.Hopper	Aug. 14	4	10	Flows	Mineral	D
C & H Kerr	Oct. 13	4	12	62	45	C
A.A.Heal	Aug. 5	4	6	56	30	"
W.D.Hopper	Sep. 4	4	5	55	43	C
C.Goodberry Well Drilling	Feb. 28	7	15	80	52	P
W.D.Hopper	June 24	4	15	33	27	D
C.Keeso	May 11	4	12	43	40	D
"	Mar. 3	4	13	26	24	"
G.L.Davidson	Nov. 9	4	15	40	16	"
C & H Kerr	Sep. 27	7	3	38	18	S
W.D.Hopper	Oct. 30	4	8	335	332	"
C & H Kerr	June 25	4	10	208	192	"
Wm.Dale	June 29	5	9	172	169	"
C & H Kerr	Oct. 30	4	12	187	170	"
J.Copeland	Aug. 20	4	10	206	189	"
Wm.Morley	Jan. 10	4	10	300	288	"
L.Ballantyne	Sep. 25	8	30	0	Flows	"
G.L.Davidson	Oct. 22	4	8	168	143	"
"	July 7	4	10	130	107	"
R.H.Gadke	June 2	4	8	32	32	"
R.H.Gadke	May 5	4	16	9	9	"

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. INCHES	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENORA DISTRICT Drayton Twp.	United States Air Force	J. B. Longstreet	Aug. 25	20	137	22	18	Fresh	P	Sand gravel 7; red sand 17; coarse gravel 30; coarse sand gravel 50; grey sand gravel 77. Water from 50 to 77.
Jeffrey Twp. No. 216	Ont. Dept. of Highways	C. Goodberry Well Drilling	Sept. 12	7	25	17	12	"	P	Clay boulders 26; granite 52. Water at 33 and 44.
KENT COUNTY Bothwell	R. Menzies	W. Marsh	Mar. 2	5			15	"	N	Red sand 4; grey sand 27; brown clay 70; clay pebbles 100; black shale 109. Water at 100.
Bothwell	"	"	Mar. 14	5	< 1/2	90	25	"	N	Red sand 4; grey sand 26; brown clay 64; clay pebbles 80; fine gravel 85; clay pebbles 91; black shale 115. Water at 85 and 92.
Bothwell	A. Doman	"	Apr. 4	5	1	90	35	"	N	Red sand 5; grey sand 32; brown clay 60; clay small stones 88; gravel black sand 100; black shale 109. Water at 88.
Camden Twp. lot 12	K. Houston	H. McDonald	Oct. 7	4						Topsoil 2; brown sand 5; blue clay 35; gravel 42; black shale 60. Dry hole.
Con A	"	"	Oct. 13	4						Topsoil 2; brown sand 5; blue clay 40; gravel 52; black shale 65. Dry hole.
Con I	G. Hubbell	R. McGaffey	Oct. 19	4	1/2	100	7	Fresh	N	Topsoil 9; soft clay 42; hard blue clay 67; hardpan 71; hard grey rock 100. Water at 87.
Con I	"	"	Oct. 29	4	< 1/2	98	7	"	N	Topsoil 8; soft clay 42; hard blue clay 67; hardpan 71; grey-blue rock 98. Water at 87.
Con I	"	"	Nov. 12	4			7	"	N	Topsoil 9; soft clay 43; hard blue clay 67; hardpan 71; grey-blue rock 99. Water at 86.
Con I	"	"	Nov. 22	4	1 1/2	75	7	"	C	Sandy clay 5; soft grey clay 40; blue clay 50; hardpan 68; grey-blue rock 96 1/2. Water at 87.
Con I	"	"	Dec. 4	4	1 1/2	75	7	"	C	Sandy soil 7; soft grey clay 43; blue clay 50; hardpan 71; grey-blue rock 98. Water at 87.
Con III	H. Ross	R. W. Simpson	Mar. 2	4	4	7		"	D, S	Topsoil 2; yellow clay 9; blue clay 42; hardpan 55; loose shale 56; black shale 57. Water at 55.
Gore Con V	H. Vandamme	"	May 16	4						Topsoil 2; sand 3; yellow clay 9; blue clay 35; hardpan 61; black shale 65. Dry hole.
Gore Con V	"	"	May 25	4						Topsoil 2; yellow clay 9; blue clay 35; hardpan 61; black shale 84. Dry hole.
Gore Con V	"	"	May 30	4						Topsoil 2; yellow clay 9; blue clay 35; hardpan 60. Dry hole.
Gore Con V	"	"	June 2	4						Topsoil 2; yellow clay 9; blue clay 35; hardpan 61; black shale. Dry hole.
Gore Con V	A. Babcock	"	Aug. 27	4						Topsoil 2; yellow sand 7; blue clay 35; hardpan 55; black shale. Dry hole.
Gore Con V	"	"	Aug. 28	4						Topsoil 2; yellow sand 7; blue clay 35; hardpan 56; black shale. Dry hole.
Gore Con V	"	"	Aug. 29	4						Topsoil 2; yellow sand 7; blue clay 35; hardpan 55; black shale. Dry hole.
Gore Con VII	S. S. No. 14	H. McDonald	Oct. 28	4						Topsoil 2; brown clay 15; blue clay 34; black shale 40. Dry hole.
Gore Con VIII	J. Hybky Jr.	R. W. Simpson	Apr. 18	4	4	14	14	Fresh	D	Topsoil 2; yellow clay 9; blue clay 31; loose shale 32; black shale 34. Water at 31.
Gore Con X	R. Kyle	D. W. Wade	Oct. 2	4						Sand 10; blue clay 25; hardpan 48; black shale 58. Dry hole.
Gore Con X	"	"	Oct. 3	4	20	9	9	Fresh	D	Sand 12; blue clay 35; hardpan 44; grey shale 52. Water at 52.
Gore Con X	E. Arnold	R. W. Simpson	Aug. 22	4	5	20	20	Sulphur	D	Topsoil 2; yellow clay 5; blue clay 27; black shale. Water at 27.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
KENT COUNTY - cont. Chatham Twp. - cont. Con III lot 12	F. Craven	H. McDonald	June 4	4						Topsoil 2; brown clay 3; quicksand 40; blue clay 59; black shale 60. Dry hole.
Con III " 12	"	"	June 9	4						Topsoil 2; brown clay 5; quicksand 30; blue clay 59; blue clay gravel 60; black shale 70. Dry hole.
Con III " 12	"	"	June 18	4						Topsoil 2; brown clay 4; quicksand 40; blue clay 57; gravel 58; black shale 65. Dry hole.
Con IV " 21	C. Tomecek	D. Lecuyer	Oct. 21	4	4	14	8	Fresh	D	Brown clay 10; clay coarse gravel 14; blue clay 36; blue clay sand 53; black shale gravel 55; gravel sandy shale 62; black sandy shale 63. Water at 63; gravel 60; sand gravel 63. Water from 60 to 63.
Con VI " 10	O. F. Como	D. W. Wade	Mar. 19	4	3	19	12	"	D, S	Sand 10; blue clay 40; grey clay 60; sand gravel 63. Water from 61 to 55.
Con VI " 16	Wm. Clark	L. Faubert	Oct. 1	4	4	10	9	"	D	Sandy loam 3; blue clay 51; sand gravel 55; shale 70. Water from 61 to 55.
Con IX " 11	E. Irwin Jr.	R. W. Simpson	Apr. 10	3						Topsoil 2; yellow sand 8; blue clay 41; boulders. Dry hole.
Con IX " 11	"	"	Apr. 11	3						Topsoil 2; yellow clay 8; blue clay 41; boulders. Dry hole.
Con IX " 11	"	"	Apr. 14	3	4	7	7	Mineral	D, S	Topsoil 2; yellow sand 8; blue clay 41; hardpan 45; grey limestone 49. Water at 48.
Con XII " 6	L. Sterling	D. W. Wade	Dec. 2	4	2	40	7	Fresh	D	Muck 2; sand clay 6; grey clay 42; hardpan 45; grey shale 47; black shale 50. Water at 47.
Con XII " 15	J. Jackson	R. W. Simpson	Mar. 21	4						Topsoil 2; yellow sand 9; blue clay 56; hardpan 63; black shale. Dry hole.
Con XII " 15	"	"	Mar. 24	4						Topsoil 2; yellow sand 9; blue clay 52; hardpan 69; black shale. Dry hole.
Con XII " 15	"	"	Mar. 27	4						Topsoil 2; yellow sand 9; blue clay 56; hardpan 63; black shale. Dry hole.
Con XV " 3	F. Watson	"	Dec. 10	4	4	20	17	Fresh	D, S	Topsoil 3; yellow sand 7; blue clay 67; sand gravel 71. Water at 67.
Gore Con I " 8	S. Puskas	D. W. Wade	July 30 Oct. 7	3 3	6 10	10 10		Fresh	D, S	Sand 12; grey clay 80; sand gravel 84; black shale 95. Dry hole. Dark clay 2; sand 10; grey clay 83; sand 84; black shale 86.
Gore Con II " 10	A. Roszell	V. Conlon	Sept. 30	2	6	18	12	"	D	Muck sand 6; quicksand 8; yellow clay 12; blue clay 82; fine black sand gravel 85. Water at 85.
Gore Con II " 15	L. W. Babcock	D. W. Wade	Mar. 6	4						Yellow clay 15; grey clay 72; hardpan 73; gravel 76; black shale 102. Dry hole.
Gore Con II " 15	"	"	Mar. 11	4						Yellow clay 12; grey clay 72; sand 75; black shale 78. Dry hole.
Gore Con II " 15	"	"	Mar. 13	4	1	90	16	Fresh	N	Yellow clay 12; grey clay 70; sand muck 76; black shale 90. Water at 79.
Gore Con II " 15	"	"	June 11	4						Yellow clay 8; grey clay 67; sand 73; black shale 90. Dry hole.
Gore Con II " 16	A. Therrien	H. McDonald	Apr. 11	4	8	20	12	Fresh	D	Topsoil 2; brown clay 7; quicksand 12; blue clay 74; gravel 76; grey rock 77. Water at 75.
Gore Con II " 16	H. Craven	"	Apr. 18	4						Topsoil 2; brown clay 4; quicksand 10; blue clay 74; grey rock 77. Dry hole.
Gore Con II " 16	"	"	Dec. 16	4	6	20	16	Fresh	D	Topsoil 2; brown clay 23; blue clay 77; gravel 79; brown hardpan 80. Water at 77.
Gore Con II " 25	J. Vitek	D. W. Wade	Mar. 23	4	20	18	18	"	D, S	Sand 12; grey clay 64; sand gravel 69. Water at 69.
Gore Con II " 27	N. Burrell	H. McDonald	Sept. 24	3	5	31	29	"	D	Topsoil 2; sand 5; blue clay 61; gravel 64; black shale 65. Water at 61.
Gore Con II " 30	D. McFadden	R. W. Simpson	Oct. 15	4						Topsoil 6; yellow clay 12; blue clay 52; soft black shale. Dry hole.
Gore Con II " 30	"	"	Oct. 16	4						Topsoil 6; yellow clay 13; blue clay 52; soft black shale 60. Dry hole.
Gore Con II " 30	"	"	Oct. 17	4						Topsoil 6; yellow clay 13; blue clay 52; soft black shale. Dry hole.



## KENT COUNTY - cont.

Chatham Twp. - cont.

Locality	Section	Topsoil	Subsoil	Gravel	Shale	Clay	Water	Notes
Topsoil	6:yellow clay 12;blue clay 52:black shale. Dry hole.							
Topsoil	6:yellow clay 12;blue clay 52:black shale 55.							
Topsoil	6:yellow clay 12;blue clay 51;fine sand 52:black shale 54. Water at 51.							
Topsoil	6:yellow clay 12;blue clay 51;fine sand 52:black shale 54. Water at 51.							
Topsoil	6:yellow clay 9;blue clay 118;fine sand 52:black shale 123. Water at 123.							
Topsoil	6:yellow clay 12;grey clay 96;gravel sand 100:black shale 112. Water at 100.							
Topsoil	6:yellow clay 62;sand gravel 67:black shale 73. Water at 67.							
Topsoil	6:yellow clay 135;hardpan 143. Water at 143.							
Topsoil	6:yellow clay 25;blue clay 136;gravel 138;sand 144;black shale 148. Water at 144.							
Topsoil	6:yellow clay 9;yellow clay 12;blue clay 88;fine sand medium gravel 91. Water at 91.							
Topsoil	2:yellow clay 13;quicksand 14;putty clay 50:black shale 55. Dry hole.							
Topsoil	2:yellow clay 13;quicksand 14;putty clay 56;black shale 59. Water at 56.							
Topsoil	2:yellow clay 13;quicksand 14;putty clay 56;black shale. Dry hole.							
Topsoil	2:yellow clay 13;quicksand 14;putty clay 56;black shale. Dry hole.							
Topsoil	2:yellow clay 13;quicksand 14;putty clay 55;black shale 57. Water at 55.							
Topsoil	10;sand 15;clay 60;loose shale 62:black shale 63. Water at 62.							
Topsoil	3:yellow clay 10;blue clay 60;fine sand 61;limestone 60. Water at 60.							
Topsoil	3:yellow clay 10;blue clay 61;limestone 65. Dry hole.							
Topsoil	6:yellow clay 10;blue clay 61;limestone 70. Dry hole.							
Topsoil	6:yellow clay 11;blue clay 62;limestone. Dry hole.							
Topsoil	6:yellow clay 12;blue clay 62;limestone. Dry hole.							
Topsoil	6:yellow clay 10;blue clay 61;fine sand 62;limestone. Clay 60;quicksand 65;shale 75. Dry hole.							
Topsoil	6:quicksand 63;shale 68. Dry hole.							
Topsoil	6:quicksand 62;shale 67. Dry hole.							
Topsoil	15;quicksand 17;clay 59;sand 63;shale 66. Dry hole.							
Topsoil	15;sand 17;clay 56;fine sand 62;coarse sand 63;shale 66. Water at 63.							
Topsoil	8;blue mud 71;fine sand 75;shale 77. Water at 77.							
Topsoil	2:yellow clay 14;blue clay 42;stones clay 59;sand gravel 60. Water at 59.							
Topsoil	2:yellow clay 14;blue clay 42;stones clay 60;black shale 66. Dry hole.							
Topsoil	2:yellow clay 14;blue clay 40;stones clay 59;black shale. Dry hole.							

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Harwick Twp. - cont. TRS Con III lot 6	R. Restorick	O. Lecuyer	July 20	4						Clay red sand 12; soft blue clay 25; hardpan 45; soft clay 66; fine sand 68. Dry hole.
TRS Con III " 6	"	"	July 25	4	2	45	15	Fresh	D	Clay red sand 12; soft blue clay 25; hardpan 45; soft clay 66; sand gravel 68. Water from 66 to 68.
TRS Con III " 6	L. Restorick	"	Dec. 20	4	1	68	20	"	D	Red sand 10; soft blue clay 30; hardpan 45; soft blue clay 65; fine sand 67; sand gravel 68. Water at 68.
TRS Con III " 8	G. Menard	"	Aug. 15	4	4	20	12	"	D	Red sand 10; soft blue clay 25; hardpan 55; fine sand 65; sand gravel 68. Water from 65 to 68.
TRS Con IV " 7	M. Everett	S. Barl	Aug. 20	4	2	48	26	"	D	Sand 3; clay 44; fine sand 57; hardpan 67; blue shale 72. Water at 67.
TRS Con IV " 8	M. T. Everett	O. Lecuyer	Aug. 20	4						Red sand 10; soft blue clay 35; hardpan 55; silty sand 60; hardpan 65; sand shale 70. Dry hole.
TRS WB Con III " 3	B. Slade	D. Lecuyer	July 2	4	4	80	18	Fresh	D	Clay 12; sand clay 13; clay 50; clay gravel 55; clay pebbles 72; sandy gravel 74; black shale 80. Water at 74.
TRS WB Con III " 3	"	"	July 14	4						Clay 11; sand 13; clay 51; gravel clay 55; clay pebbles 70; gravel sand 75; black shale 80. Dry hole.
TRS WB Con III " 3	"	"	July 28	4		80	18	Fresh	N	Clay 12; sand 13; clay 50; clay gravel 55; clay pebbles 72; gravel sand 74; sandy shale 74; black shale 80. Water at 75.
TRS WB Con IV " 1	V. Miller	S. Zimmer	July 3	4	2 1/2	38	23	"	D	Sand 4; hardpan 6; blue clay 36; gravel blue clay 60; sand 61; soft putty clay 67; black shale 68 1/2. Water at 68.
TRS WB Con IV " 5	M. Churcott	O. Lecuyer	Dec. 25	4	4	30	15	"	D	Red sand 10; hard clay 65; sand 67; hardpan 74; coarse gravel 75. Water at 75.
TR " 21	S. Parsons	R. Webster	Apr. 30	4	4	75	13	"	D, S	Top sandy clay 3; blue clay 52; sand 53; blue clay sand 72; sand 76; gravel 78. Water from 76 to 78.
Townsite Shrewsbury	F. Turner	O. Lecuyer	June 25	3	4	45	30	"	D	Hard clay 80; soft clay 100; shale sand 106. Water at 104.
Townsite Shrewsbury	C. Briggs	"	July 4	3	4	35	24	"	D	Clay 100; hardpan 104; soft shale sand 106; shale 108. Water at 106.
Townsite Shrewsbury	S. Shilton	"	Sept. 10	3	4 1/2	120	10		D	Clay 100; hardpan 115; rock 120. Water at 117.
Townsite Shrewsbury	D. Edward	"	Sept. 15	3						Clay 100; hardpan 115; rock 125. Dry hole.
Townsite Shrewsbury	D. Edward	"	Sept. 15	3						Clay 100; hardpan 115; rock 125. Dry hole.
Howard Twp. Con I lot 5	T. Goodall	R. B. Webster	Sept. 25	4	2 1/2	35	14	Fresh	D, S	Sandy topsoil 12; blue clay 42; fine grey sand 60; blue clay 64; fine grey sand mud 68; blue clay 71; gravel. Water at 71.
Con IX " 3	Ingram Estate	R. M. Campbell	Nov. 12	4	5	34	34	"	D, S	Clay 8; clay stones 86; sand gravel 98; hardpan 108; gravel 110. Water at 110.
Con IX " 6	A. Cikatricis	E. Rumble	July 13	4	2	88	68	"	D, C	Gravel 12; blue clay 75; quicksand gravel 147 1/2; black slate 154. Water at 149.
TEN " 92	H. William	R. M. Campbell	Aug. 2	3	8	205	80	"	D	Brown clay 9; clay stones 130; sand 160; clay 172; slate 205. Water from 172 to 205.
TEN " 92	H. Hitchcock	"	Oct. 20	3	4	78	78	"	D	Clay 11; clay stones 106; sand 141; clay hardpan 148; gravel 160. Water at 150.
TR " 19	H. McClean	R. B. Webster	Aug. 20	4						Dark sandy soil 8; blue clay 71; shale 81; black fine sand 85. Dry hole.
TR " 19	"	"	Aug. 25	4	4 1/2	94	15	Fresh	D	Dark sand soil 8; blue clay 75; shale 85; black sand 92; soft grey rock. Water at 81.
Orford Twp. Con VI lot 9	A. Morden	R. M. Campbell	Sept. 22	4	7	125	110	Fresh	D, S	Gravel 14; clay stones 110; sand 140; clay hardpan 156; gravel 160. Water at 166.
Con VII " 11	A. Penton	"	June 12	4	5	90	90	"	D, S	Gravel 16; fill 120; sand 142; gravel 147. Water at 147.
Con VII " 13	R. Hastings	"	Sept. 22	4	5	160	110	"	D, S	Gravel 16; clay stones 126; sand 182; soft clay 193; hardpan 206; gravel 210. Water from 206 to 210.
Con XII " 8	G. Cowan	R. & V. Lather	Oct. 12	4	10	35	35	"	D, S	Sand 12; grey clay 87; hardpan 139; gravel 240. Water at 134.

KENT COUNTY-cont.  
Oxford Twp. lot 60  
THIS

Chatham Boy Scouts.	R. M. Campbell	July 5	4	4 $\frac{1}{2}$	160	22	Fresh	P	
W. Johnston J. Johnston	S. H. Smith G. Rice	Jan. 7 Jan. 8	4 4	4 1	10 20	7 10	Fresh "	D D	Till 90;sand with gas 121;hardpan 142;sand 152;grey shale 160. Water at 156.
C. Henrichs C. Handsor F. Burggraf S. S. No. 8	" Travis & Handsor G. Rice "	Oct. 1 Apr. 1 Sept. 5 Mar. 10	3 4 4 4	1 4 4 4	20 20 45	10 10 35	" " Fresh	D " P	Clay 2;blue clay 64;sand gravel 70. Water at 64. Yellow clay 10;blue clay 55;quicksand 64;sand 66;gravel 67. Water at 66. Yellow clay 9;blue mud 82;shale 83. Water at 83. Loam 3;blue clay 90;silty fine sand 96. Dry hole. Yellow clay 10;blue mud 123;soapstone 127. Dry hole. Yellow clay 12;blue clay 109;shale sand 110;blue clay 119;dark rock 128. Water at 125. Yellow clay 10;blue clay 120;sand 121;hardpan 145;sand 148;grey clay 178. Dry hole. Gravelly grey clay 115;sand gravel 119;slate 120. Water at 120. Yellow clay 10;blue mud 129;sand shale 136. Water at 136. Brown clay 15;blue clay 95;grey clay pebbles 131;black slate 138. Water at 133. Yellow clay 65;hardpan 67;sand gravel 68. Water at 67. Yellow sand 10;blue mud 50;sand mud 60;rock 71. Water at 71. Yellow clay 10;blue mud 41;quicksand 63;black shale 71. Dry hole. Yellow clay 10;blue mud 62;sand 64;coarse gravel 65. Water at 65. Yellow sand 10;blue mud 60;sand 63. Water at 63. Yellow clay 8;heavy blue mud 69;sand 73;black shale 75. Water at 75. Clay 12;sand 13;clay gravel 62;sand gravel 65;black shale 66. Water at 66. Clay 20;clay pebbles 62;loose shale gravel 63;sandy green shale 70;black shale 71. Water at 70. Yellow sand 10;quicksand 18;blue mud 69;quicksand 70. Dry hole. Yellow sand 10;quicksand 18;blue mud 69;quicksand 70. Dry hole. Clay 6;sand 55;clay gravel pebbles 70;sand gravel 72;soft black rock 73. Water at 72. Yellow sand 10;blue clay 74;sand clay 77;rock 79. Water at 79. Hard clay 15;soft clay 40;hardpan 70;sand gravel 72. Water at 72. Clay loam 8;blue clay 30;silty sand 90;fine gravel sand 11. Water at 90. Yellow sand 10;blue mud 78;sand 82;shale 84. Dry hole. Yellow sand 8;blue mud 85;sand 89;rock 103. Dry hole. Yellow clay 10;blue mud sand gas 4;fine sand 53;white mud 87;sand 89;rock 90. Water at 90. Yellow clay 10;blue mud 95;sand 100;brown shale 104;rock 110. Dry hole.
H. Haftman	D. W. Wade	Sept. 25	4	2	75	45	Fresh	D	
E. Perry A. Jarecki R. Drewery	E. Rumble G. Rice H. English	Apr. 2 Aug. 7 Oct. 24	4 4 4	1 $\frac{1}{2}$ 5	100 55	35 49	" " "	S D D	
Wm. Meyers G. Robbins H. Sanderson	S. H. Smith G. Rice "	Mar. 29 Apr. 17 Oct. 19	3 4 4	6 1	23 60	7 14	" " "	D D D	
"	"	Oct. 23	4	1	26	25	Fresh	D	
J. Simpson R. Myers	" "	Mar. 16 July 28	4 4	1 1	60 50	20 25	Fresh "	D, S	
E. Civalier	D. Lecuyer	June 4	4	2 $\frac{1}{2}$	52	17	"	D	
E. Lawton	"	May 1	3	4	21	14	"	D	
H. Audet's Motel	G. Rice	Oct. 28	4	4	21	14	"	D	
"	"	Nov. 3	4	4	21	14	"	D	
M. Bakaban	D. Lecuyer	Sept. 22	4	1	75	16	Fresh	D	
Wm. Horve	G. Rice	Mar. 28	4	1	60	17	"	D, S	
R. Bradley	O. Lecuyer	June 15	4	2	60	35	"	D	
G. Morrison	G. Morrison	Nov. 6	3	2	25	12	"	D	
J. Rozzell W. Con VII J. & R. Rozzell O. Horn	G. Rice " " "	May 15 May 20 Sept. 21 May 6	4 4 4 3	1 $\frac{1}{2}$	70	22	"	D, S	
Romey Twp. Con I	H. Wharrem	Mar. 1	5	5	35	27	Sulphur	D, S	Clay 4;blue clay 165;hardpan gravel 179;hard clay 211;grey shale 213. Water at 211.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Romney Twp. - cont. Con I lot 14	H. Wharram	S. H. Smith	Mar. 15	5	6	51	35	Sulphur	D, S	Brown clay 11; blue clay 207; hardpan 214; black shale 216½. Water at 216.
Tilbury East Twp. Con VII lot 4	H. Beattie	S. H. Smith	June 20	3	1½	18	12	Fresh	D, S	Brown clay 3; blue clay 110; hardpan 114; coarse sand 116. Water at 114.
Con VII " 5	E. Hornick	"	Mar. 4	5	5	17	17	"	D, S	Hard clay 16; blue clay 112; hardpan gravel 114. Water at 114.
Con VII " 3	W. Carr	"	Sept. 30	3	6	55	32	"	D	Clay 14; blue clay 119; hardpan 122; sand gravel 123. Water at 122.
WRN " 12	R. Sloan	E.N. Hernandez	Jan. 20	7	5	40	20	"	D, S	Topsoil 1; yellow clay 7; blue clay 125; sand 140; sand gravel 146. Water at 146.
Zone Twp. Con I lot 1	S. Markowski	J. E. Smith	Aug. 20	4	4	12	8	Fresh	D	Topsoil 3; quicksand 7; clay 49; sand 57; clay sand 60; sand 62; gravel 63. Water at 63.
LAMINGTON COUNTY Bosauquet Twp. Con B lot 20	Village of Thedford	International Water Supply	July 14	2	7	4	6	Fresh	T 4-59	Topsoil black muck 3; grey clay silt 25; sandy grey clay fine gravel silt 121; sandy grey clay silt 160; hard cemented gravel fine sand silt 165; grey clay fine gravel silt hard streaks cemented gravel 178; hard cemented gravel clay 196; limestone bedrock 198. Water from 160 to 165 and from 178 to 196.
Con I " 7	E. Stienstra	A. A. Heal	Oct. 14	4	3	26½	21½	"	D	Topsoil yellow clay 15; blue clay 26; gravel clay 28; sand 32½. Water from 28 to 32½.
Con I " 21	Village of Thedford	International Water Supply	July 21	5				"	T 5-59	Topsoil 1; sandy brown clay stones 10; grey clay sand 55; soft sandy grey clay fine gravel 72; sandy grey clay fine gravel silt 108; hard grey clay fine gravel 124; soft grey clay fine gravel silt 156; coarse gravel hard clay 160; brown limestone bedrock 163.
Con II " 2	L. Gordon	A. A. Heal	Oct. 9	4		91	20	Fresh	N	Topsoil yellow clay 10; sandy clay 39; fine gravel 43; gravelly clay 60; blue clay 79; limestone 91. Water from 39 to 43 and from 43 to 60.
Con II " 2	"	"	Oct. 12	4	3	39	21	"	D	Topsoil sandy clay 10; sandy clay 40; coarse sand 42; blue clay 45. Water from 40 to 42.
Con III " 27	Village of Thedford	International Water Supply	June 18	5				"	T 1-59	Topsoil 2; fine brown sand 3; hard brown clay 14; dark brown silt clay 20; sandy grey clay fine gravel 36; grey clay fine sand 42; coarse sand 48; medium sand clay 70; hard grey clay sand stones 84; bedrock limestone 86.
Con III " 28	"	"	June 22	2	30	17	flows	Fresh	T 2-59	Topsoil 3; silty brown clay 9; grey clay silt 45½; grey clay fine gravel 65; coarse sand 77; grey clay 82. Water from 65 to 77.
Con III " 29	"	"	June 30	2	12	½	flows	"	T 3-59	Topsoil 1; medium coarse sand 3; sand gravel shells clay 30; sand fine gravel silt 42; grey clay fine sand 72; sandy grey clay fine sand 142; fine sand fine gravel clay 151; grey clay fine sand 161; grey sandy clay 170; fine grey silt 178; hard cemented gravel clay 180. Water from 145 to 151.
Con III " 29	"	"	July 29	2	31	7½	flows	"	T 6-59	Topsoil 1; medium to coarse sand 3; sand gravel shells clay 30; sand silt 42; grey clay fine gravel 72; sandy grey clay fine sand silt 127; fine gravel 142; fine sand fine gravel 152. Water from 127 to 152.



LAMPTON COUNTY - cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMARION COUNTY - cont.										
Dawn Twp. - cont.										
Con IV lot 33	E. Jacques	C. Webster	Oct. 4	6			14	Fresh	M	Topsoil 4; blue clay 30; clay gravel sand 32; blue clay 56. Water at 30.
Con VII	S. S. No. 14	H. McDonald	Oct. 20	4						Topsoil 2; brown clay 16; blue clay 42; black shale 48; blue hardpan 50. Dry hole.
Con VII	"	"	Oct. 22	4			12	Salty	M	Topsoil 2; brown clay 18; blue clay 48; black shale 55; blue hardpan 74; black shale 80. Water at 76.
Con VII	"	"	Oct. 26	4						Topsoil 2; brown clay 14; blue clay 36; black shale 40. Dry hole.
Con VII	E.C. Hebden	R. W. Simpson	Aug. 20	4			10	Fresh	S	Topsoil 2; yellow clay 9; blue clay 32; black shale. Dry hole.
Con VII	L. Tylis	C. Webster	Aug. 21	4	5	20	14	"	D,S	Topsoil 2; yellow clay 9; blue clay 32; loose shale. Water at 32.
Con VII	"	"	July 10	6	10	14				Topsoil 3; blue clay 55; black gravel 55; black shale. Water at 55.
Con IX	F. Kersey	"	May 16	6	10	21	17	"	D,S	Blue clay 56; black shale. Water at 56.
Con X	B. McLean	O. Kimball	June 2	4	5	24	16	"	D,S	Yellow clay 9; blue clay 57; clay 59; gravel 60. Water at 59.
Con X	A. McKenzie	"	July 6	6	5	24	16	"	D,S	Brown clay 15; blue clay 50; soft blue clay 69; gravel 70. Water at 70.
Con XII	S. Gadsby	"	July 17	6	4	50	14	"	D,S	Yellow clay 10; blue clay 56; clay 59; gravel 60. Water at 59.
Enniskillen Twp.										
Con II	L. Hall	W. King	June 27	4	1 1/2	60	21	Fresh	D,S	Clay loam 2; hard clay 14; blue clay 57; hardpan 59 1/2; gravel 59 1/2; black shale 70. Water at 59 1/2.
Con II	"	R. Marsh	Nov. 2	6	1 1/2	56	18	"	D,S	Clay 1 1/2; blue clay 58; hardpan 60; rock. Water at 60.
Con II	G. Coleman	R. W. Simpson	Sept. 5	4	5	24	21	Sulphur	D,S	Topsoil 2; yellow clay 9; blue clay 56; loose shale 57; black shale. Water at 56.
Con IV	M. Ellenor	D. W. Wade	Sept. 10	4						Yellow clay 12; blue clay 79; black shale 130. Dry hole.
Con IV	"	"	Sept. 12	4						Yellow clay 12; grey clay 78; black shale 88. Dry hole.
Con IV	"	"	Sept. 15	4	5	40	18	Fresh	D,S	Yellow clay 12; grey clay 76; black shale 92. Water at 76.
Con IV	A. DeWirt	O. Kimball	June 22	6	5	22	14	"	D,S	Brown clay 7; blue clay 82; gravel 63. Water at 62.
Con VI	R. Walker	L. Rawson	Sept. 23	4	8	45	23	"	D,S	Topsoil 9; blue clay 54; hardpan 55; black shale 59. Water at 55.
Con VI	J. Marriott	"	Sept. 25	4						Topsoil 9; blue clay 41; hardpan 44; black shale 53. Water at 44.
Con VII	K. Woods	"	Oct. 16	4	8	40	22	"	D,S	Topsoil 9; blue clay 54; black shale 64. Dry hole.
Con VII	"	"	Oct. 19	4						Topsoil 9; blue clay 52; shale 56. Dry hole.
Con VII	W. Fraser	C. Thrower	Jan. 20	4	4	20	12	Fresh	D,S	Blue clay 57; black shale 15; black clay stones 59; sand gravel 60. Water at 59.
Con VII	A. Campbell	O. Kimball	Oct. 11	5	4	22	14	"	D,S	Clay 10; blue clay 56; gravel 57; black shale 60. Water from 56 to 57.
Con IX	J. Dempsey	R. C. Thrower	Oct. 2	5	5	40	12	"	D,S	Topsoil 8; blue clay 55; shale 60. Dry hole.
Con X	A. Toenders	L. Rawson	Aug. 10	4						Topsoil 8; blue clay 56; shale 60. Dry hole.
Con X	"	"	Aug. 14	4						
Euphemia Twp.										
Con I	S. Yacubowich	R. McGaffey	Oct. 8	4	1	90	17	Fresh	D	Topsoil 2; yellow clay 15; blue clay 34; hardpan 41; black shale 67; hard blue rock 70; limestone 77; soft blue rock 80; soft grey rock 90. Water at 67.
Con I	N. Miniuk	R. McGaffey	Feb. 5	5	4	48	38	"	D,S	Sandy soil 5; blue clay 52; hardpan 55; black shale 80. Water at 55.
Con V	T. Patterson	N. Brandon	Aug. 16	4	1	90	5	"	D	Sand 15; blue clay 65; sand 85; black shale 90. Water at 86.
Con V	G. Chambers	"	Aug. 18	4	1 1/2	90	Flows	"	D,S	Blue clay 45; black shale 47. Water from 46 to 47.

LAWTON COUNTY -cont.

Grand Bend	Grand Bend	International Water Supply	Aug. 26	2			14	Fresh	T	Sand 10;coarse sand fine gravel 15;gravel sand 25;grey clay gravel 99;grey limestone 89. Water at 14.
Grand Bend	"	"	Sept. 4	2			3	"	T	Sand 2;coarse gravel sand boulders 14;grey clay gravel 23. Water at 3.
Grand Bend	"	"	Dec. 9	8					T-59	Fine sand 2;coarse fine gravel boulders 6;grey clay gravel 8;gravel grey sand 14;soft grey clay 16.
Grand Bend	"	"	Dec. 15	12					T-59	Fine sand 2;coarse fine gravel boulders 6;grey clay gravel 14;soft grey clay 35.
Moore Twp.										
Con II	J. Nundy	N. Brandon	Aug. 1	4	4	75	35	Fresh	N	Red clay 15;blue clay 140;sand 145. Water from 140 to 145.
Con VI	V. Fearon	W. King	May 10	5	5	82	20	"	N	Loam 2;hard red clay 12;blue clay 70;black shale 82. Water at 70.
Con VII	R. Boothe	D. W. Wade	Oct. 30	4	7	36	36	"	D,S	Yellow clay 12;blue clay 131;black shale 133. Water at 133.
Con IX	G. Fage	A. A. Heal	Sept. 27	4	2	126	52	Fresh	D	Topsoil yellow clay 14;blue clay 126. Dry hole.
Con X	J. Barnes	Wm. King	Nov. 8	4	7	75	28	Fresh	N	Topsoil yellow clay 12;blue clay 125; sand dark clay 126. Water from 125 to 126.
Con X	G. Poole	D. W. Wade	Apr. 15	4	7		21	"	D	Clay 12;blue clay 140;limestone 160. Water at 148.
Con X	D. Sutherland	"	Apr. 17	4				"		Yellow clay stones 12;grey clay 140;sand gravel 142. Water at 142.
Con XI	Precision Concrete Structures Ltd	Wm. King	Aug. 1	4	6	30	28	Fresh	In	Yellow clay 12;grey clay 145;sand 145;black shale 162. Dry hole.
FC	P. J. Miller	D. W. Wade	July 14	3	5	65	65	"	D	Clay 11;blue clay 140;hardpan 144;limestone 145. Water at 144.
Plympton Twp.										
Con III	M. Robar	L. Rawson	Sept. 18	4	20	10	5	Fresh	D,S	Topsoil 14;blue clay stones 70;gravel sand 76. Water at 70.
Con IV	L. Semkowich	D. Lecuyer	Mar. 3	4			32	Fresh	C	Gravel sand 3;clay pebbles 72;soft slate 73;black shale 75. Water at 73.
Con VI	B. Campbell	A. A. Heal	Jan. 6	4	3	32	17	"	D	Topsoil sand 11;blue clay 32;soft sandy clay 34;gravelly clay 63;soft clay 102;coarse sand 103;gravel 105;black shale 107. Water from 103 to 105.
Con VIII	T. Hybers	"	July 1	4	3	70	37	"	D,S	Topsoil yellow clay 14;blue clay 36;sandy clay 45;blue clay 108;hardpan 113;black shale 118. Water from 110 to 113.
Con VIII	"	"	Oct. 7	4	4	43	30	"	D	Yellow clay 14;blue clay 100;hardpan 111;black gravel 112; black shale 125. Water at 112.
Con IX	F. Scott	L. Rawson	Mar. 26	4	12	20	18	"	D,S	Topsoil 14;blue clay 87;hardpan 88;black shale 91. Water at 88.
Con XI	M. Smith	A. A. Heal	Jan. 27	4	3	28	22	"	D	Topsoil yellow clay 8;blue clay 79;black sand 81;gravelly clay 85;hardpan 86;black shale 90. Water from 85 to 86.
Con XIII	H. Prayne	F. Rendle	May 10	4	8	79	69	"	D,S	Clay 99;gravel 101;black shale 102. Water at 99.
LHF	F. Nickels	F. Jackson	Sept. 12	4	10	80	20	"	S	Sandy black soil 3;yellow stoney clay 12;blue clay 100; gravel clay 101;black shale 104. Water at 100 and 102.
LHF	W. Arndt	L. Rawson	May. 20	4	10	41	36	"	D	Topsoil 13;blue clay 111;hardpan 112;black shale 115. Water at 112.
LHF	A. McLean	F. Rendle	July 1	4	5	90	50	"	D,S	Blue clay 90;loose shale 110;black shale 115. Water from 90 to 110.
LHF	D. Hamilton	A. A. Heal	June 27	4	5	42	40	"	D	Topsoil yellow clay 14;blue clay 89;gravel clay 90;sand clay 95;sand 101;black shale 103. Water from 95 to 101.
LHF	C. Thompson	F. Rendle	July 11	4	8	65	50	"	D	Blue clay 90;black shale 102. Water from 90 to 102.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- INCHES	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMERON COUNTY - cont. Plympton Twp. - cont.										
LHF " 38	J. Paquette	L. Rawson	June 11	4	10	57	57	Fresh	D	Topsoil 14; blue clay 102; hardpan 103; shale 105. Water at 103.
LHF " 39	P. Korwinski	"	Sept. 10	4	10	57	57	"	D	Topsoil 11; blue clay 91; hardpan 98; shale 100. Water at 98.
LHF " 41	D. Goulter	A. A. Heal	May 29	4	3	82	62	Sulphur	D, S	Topsoil yellow clay 17; blue clay 84; hardpan 85; black shale 88. Water at 85.
LHF " 46	G. Evans	"	May 12	4	2 1/2	90	61	Fresh	D	Topsoil yellow clay 12; blue clay 18; soft clay gravel sand 30; blue clay 89; hardpan 92; black shale 99. Water at 18.
LHF " 46	J. Wooden	"	May 25	4	5	72	62	"	N	Topsoil yellow clay 15; blue clay 88; hardpan 91; black shale 93. Water from 89 to 91.
LHF " 46	"	"	May 26	4	2	92	62	"	N	Topsoil yellow clay 15; blue clay 88; hardpan 91; black shale 93. Water from 89 to 91.
LHF " 46	"	"	May 27	4	5	72	62	"	D	Topsoil yellow clay 15; blue clay 88; hardpan 91; black shale 93. Water from 89 to 91.
LHF " 47	C. M. Yager	"	May 15	4	2	88	62	"	D	Topsoil yellow clay 15; blue clay 85; hardpan 89; black shale 96. Water from 86 to 88.
LHF " 50	C. Rose	P. Bendle	Apr. 29	4	8	70	55	"	D	Clay 67; gravel 70; hard gravel 73; soft rock 90. Water at 67.
LHF " 51	E. Jones	A. A. Heal	Apr. 18	6	1/2	85	69	"	N	Yellow clay 12; blue clay 70; hardpan 78; black shale 85.
LHF " 51	"	"	Apr. 20	6	5	72	69	"	P	Water at 80.
LHF " 51	"	"	June 1	6	7	8 1/2	7	"	D	Topsoil yellow clay 12; blue clay 70; hardpan 78; black shale 84. Water from 75 to 78.
Sarnia	H.E.P.C. of Ont. Lambton T.S. "	M. Hernandez & Sons	Sept. 16	4	2	123	109	Fresh	N	Sand 4; blue clay 16; hardpan 23; black shale 25. Water from 23 to 25.
Sarnia	"	"	Sept. 29	4	18	40	20	"	D	Clay 120; black shale 123; black slate 177; grey limestone 196; hardpan 207; grey shale 211; hardpan 216; grey shale 218. Water at 123.
Sarnia Twp. Block B	J. E. Logan J. Zenick	L. Rawson D.W. Wade	Aug. 28 Aug. 27	4 4	10 23	23	23	Fresh	D	Black topsoil 2; grey clay 115; black shale 116. Water at 116.
Con II " 12	G. Proctor	"	Oct. 3	4	10	39	39	Fresh	D	Topsoil 13; blue clay 120; hardpan 121; shale 125. Water at 121.
Con III " 10	Wm. Crisp	L. Rawson	Mar. 20	4	10	39	39	"	D	Dark clay 2; yellow clay 10; grey clay 117; sand 118; black shale 140. Dry hole.
Con III " 16	K. Nap	L. Rawson	June 3	4	10	20	20	"	D	Topsoil 12; blue clay 118; limestone 162. Dry hole.
Con V " 4	L. Lumley	N. Brandon	July 20	5	10	20	20	"	D	Red clay 12; blue clay 118; limestone 120. Water at 120.
Con V " 4	"	"	July 21	5	10	20	20	"	D	Red clay 20; blue clay 137; black shale 139; soapstone 149. Dry hole.
Con V " 4	"	"	July 21	5	10	20	20	"	D	Red clay 20; blue clay 137; black shale 139; soapstone 149. Dry hole.
Con V " 13	C. Stone	L. Rawson	May 27	4	10	38	32	Fresh	D	Red clay 18; blue clay 125; black shale 127; soapstone 165. Dry hole.
Con V " 14	J. Moore	"	Aug. 24	4	8	40	32	"	D, S	Topsoil 11; blue clay 115; hardpan 116; black shale 118. Water at 116.
Con VI " 4	R. Tonlin	N. Brandon	July 17	5	10	110	28	Sulphur	D	Topsoil 12; blue clay 117; hardpan 118; black shale 121. Water at 118.
Con VI " 9	M. Spearman	F. Jackson	Oct. 26	4	10	110	28	"	D	Red clay 20; blue clay 135; black shale 140. Dry hole.
Con VII " 4	A. Griffin	L. Rawson	Mar. 9	4	10	110	28	"	D	Yellow stony clay 12; blue clay 150; grey limestone stones 152; grey limestone 157. Water at 155.
Con VII " 11	N. Storey	"	Mar. 20	4	10	110	28	"	D	Topsoil 14; blue clay 102; limestone 116. Dry hole.
Con VII " 11	"	"	June 19	4	10	110	28	"	D	Topsoil 12; blue clay 98; limestone 111. Dry hole.
Con VII " 11	"	"	July 7	4	10	110	28	"	D	Topsoil 14; blue clay 139; limestone 146. Dry hole.
Con VII " 11	"	"	July 7	4	10	110	28	"	D	Topsoil 14; blue clay 144; limestone 156. Dry hole.

LAMAR COUNTY-cont.

Sarnia Twp. -cont. Con VII	lot 11	N. Storey	L. Rawson	July 11	4	10	47	47	Fresh	P	Topsoil 14; blue clay 127; hardpan 128; limestone 131. Water at 128.
Con VII	" 17	H. Noppen	"	Sept. 2	4	10	40	37	"	D	Topsoil 8; blue clay 107; hardpan 108; black shale 110. Water at 103.
Con IX	" 41	T. Demeester	F. Jackson	Aug. 25	4	10	90	30	"	D	Yellow hardpan 12; blue clay 110; black shale 120. Water at 110.
Con IX	" 52	Bell Telephone Co.	A. A. Heal	Feb. 26	5	5	19	6½	"	P	Dug 6; sand 20½. Water from 6½ to 20.
Sombra Twp. Con V	lot 7	G. DeKort	H. McDonald	Aug. 21	4						Topsoil 2; brown clay 15; blue clay 105; gravel 106; blue clay black shale 12; black shale 130. Dry hole.
Con V	" 7	"	"	Aug. 29	4						Topsoil 2; brown clay 18; blue clay 104; gravel 106; blue clay black shale 107. Dry hole.
Con V	" 7	"	"	Sept. 4	4	2	105	15	Fresh	N	Topsoil 2; brown clay 16; blue clay 99; gravel 104; blue clay black shale 105. Water at 99.
Con V	" 7	"	"	Sept. 10	4	3½	40	13	"	D	Topsoil 2; brown clay 20; blue clay 107; gravel 109; blue clay black shale 110. Water at 107.
Con V	" 17	F. L. Wynd	D. W. Wade	Dec. 18	4	7	20	16	"	D	Yellow clay 10; blue clay 53; hardpan 55; black shale 60. Water at 57.
Con V	" 25	S. Austin	H. McDonald	Apr. 24	4	2	40	11	"	D	Topsoil 2; brown clay 15; blue clay 77; gravel 80; blue hardpan 81. Water at 79.
Con VI	" 10	A. Hayes	D. W. Wade	Nov. 18	4	2	30	16	"	D, S	Sand 4; blue clay 127; grey shale 130; black shale 134. Water at 130.
Con VI	" 26	S. S. No. 19	H. McDonald	May 14	4	8	25	9½	"	P	Topsoil 2; brown clay 20; blue clay stones 79; gravel grey rock 80. Water at 79.
Con VI	" 29	C. Bennet	D. W. Wade	Apr. 25	3	6	18	9	"	D	Yellow clay 7; grey clay 53; sand 56. Water at 56.
Con IX	" 12	B. McGee	V. Conlon	Aug. 22	2	4	38	30	"	D	Clay 4; black & yellow clay 8; blue clay 129; fine sand fine gravel sand 131½. Water at 100.
Con X	" 4	J. Hinnagan	"	Sept. 4	2	5	30	22	"	D, S	sand clay 3; black & yellow clay 9; blue clay 150; fine sand 157; fine sand fine gravel 161. Water at 159½.
Con XII	" 14	P. Henry	D. A. Douglas	Apr. 13	2	1		35	"	D	Blue clay 126; shale. Water at 126.
Con XII	" 17	N. Murphy	R. Marsh	June 28	6	5	30	22	"	D, S	Blue clay 113; hardpan 114; sand. Water at 114.
Con XIII	" 14	C. Jackson	D. A. Douglas	June 21	2	1	25	25	"	D	Clay 10; blue clay 131; shale gravel 139. Water at 139.
Con XIII	" 15	S. S. No. 8	D. W. Wade	June 27	4	4	65	26	"	P	Yellow clay 22; blue clay 134; gravel sand 140; black shale 146. Water at 140.
Con XIV	" 7	J. Shepherd	"	Aug. 14	4						Yellow clay 15; blue clay 147; hardpan 166; black shale 190. Dry hole.
Con XIV	" 7	"	"	Aug. 19	4	14	30	14	Fresh	D, S	Yellow clay 15; blue clay stones 146; hardpan 172. Water at 172.
Con XIV	" 14	N. McKeegan	D. A. Douglas	Apr. 27	2	1	66	26	"	D, S	Blue clay 134; shale 143. Water at 143.
Warwick Twp. ERN Con I	lot 10	Warwick Twp.	A. A. Heal	Sept. 5	6	4½	35	12	Fresh	N	Topsoil yellow clay 12; blue clay 26; hardpan 32½; black rock 40. Water from 31 to 32.
ERN Con I	" 10	"	"	Sept. 7	6	4½	34	12	"	P	Topsoil yellow clay 12; blue clay 26; hardpan 32½; black shale 40. Water from 31 to 32½.
ERN Con II	" 14	J. Geerts	"	Dec. 24	4	4	13	10	"	D	Topsoil yellow clay 12; sand fine gravel 15; blue clay 25; hardpan 35½; black shale 44. Water from 35 to 35½.
ERN Con II	" 16	T. C. Luckins	"	Dec. 15	4	4	21	10	"	D	Topsoil stones yellow clay 12; sandy clay 20; blue clay 43; hardpan 48. Water from 12 to 20 and from 43 to 48.
ERN Con II	" 17	H. Hendrick	"	Jan. 13	4	6	30	14	Sulphur	D	Topsoil yellow clay 12; blue clay 27; sandy clay 35; blue clay 59; hardpan 68½; black shale 72. Water from 67 to 68½.

i, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.





LANARK COUNTY  
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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANARK COUNTY - cont. Beckwith Twp. - cont.	A. Pilon	W. Cossette	July 29	2	17	8	6	Fresh	D	Sandstone 30. Water at 30.
	W. Baker	"	July 30	2	17	10	8	"	D	Sandstone 32. Water at 32.
	D. Harvey	"	July 31	2	17	8	6	"	D	Sandstone 28. Water at 28.
	Lake Park	C.V. Morrison	Aug. 25	4	7½	8	8	"	P	Soil 3; limestone 50; sandstone 50. Water from 40 to 50.
	Community Assoc									
	S. Gamache	W.V. Nugent	Apr. 22	6	25	32	8	"	D	Sandstone 22; hard grey sandstone 52. Water at 48.
	J. Mikolaitis	C.V. Morrison	July 1	2	33	8	6	"	P	Limestone 10; sandstone 55. Water at 95.
	T.A. Gray	P.B. Cossette	July 2	2	2	30	5	"	D	Sand 3; red granite 4. Water at 41.
	M. Mulbey	C.V. Morrison	June 18	4	5	16	14	"	D	Soil 1½; sandy limestone 20; sandy limestone 45. Water at 45.
	D. Syme	A. Staston	Mar. 16	5	6	43	12	Fresh	D	Hard grey limestone 63. Water at 40 and 60.
Carleton Place Carleton Place	J. Lloyd	C.V. Morrison	Aug. 13	4	5	28	25	"	D	Brown limestone 75. Water from 60 to 75.
	A. Ferrillie	"	Sept. 4	4	3½	40	30	"	D	Limestone 30; sandy limestone 65. Water from 60 to 65.
Dalhousie Twp. Con II	Parks General Store	W.V. Nugent	May 19	6	21	65	16	Fresh	D,C	Sandy loam 2; white limestone 15; hard white limestone 77. Water at 28 and 72.
Drummond Twp. Con II	A. Headrick	W.V. Nugent	Mar. 10	6	5	160	19	Fresh	D,S	Dug sandy loam 20; red black granite 148; white limestone 160; black granite 177; white limestone 185. Water at 148.
	H. Littlefair	Thompson Bros.	May 11	6	2½	60	4	"	D	Clay 4; black granite 75. Water at 60.
	J. Scott	W.V. Nugent	Sept. 16	5	10	26	10	"	D	Clay loam 15; sand gravel 38. Water at 38.
	W.H. Wickware	"	Sept. 25	5	5	23	9	"	D	Clay loam 10; sand gravel 23; sandstone 35. Water at 35.
	A. McGarry	"	Jan. 15	6	20	15	15	"	C	Sandy loam 6; hard grey sandstone 36. Water at 32.
	J. Sheridan	Thompson Bros	Apr. 30	5	11	82	10	"	D	Clay 1; hardpan 6; black granite 90. Water at 48.
	F. Dowell	W.V. Nugent	Nov. 16	6	1½	48	21	"	C	Sandy loam 4; grey sandstone 51. Water at 48.
	G. Bell	"	Aug. 15	6	10	27	12	"	D,S	Dug 13; sandstone 46. Water at 37.
	E. Mephee	"	Aug. 7	6	7	45	12	"	D	Sandy loam 13; hard grey sandstone 52. Water at 40.
	Giles Bros.	"	Sept. 21	6	10	45	19	"	D,S	Clay loam 6; shale 14; hard grey sandstone 68. Water at 65.
	W. Powers	W.C. Coleman	Feb. 3	4				"		Earth 9; sandstone 50; hardpan 80; hard grey granite 113. Dry hole.
	"	"	May 2	5	4	95	60	Fresh	D,S	brown earth 9; yellow sandstone 17; grey sandstone 75; hardpan 95. Water at 60.
Con VIII Con IX	E. Ashby	Thompson Bros.	Oct. 2	6	1	53	20	"	S	brown earth 8 clay boulders 58. Water at 42 and 49.
	R. Cameron	C. Goodberry Well Drilling Ltd.	Oct. 26	6	20	25	13	"	D,S	Clay boulders 35; grey granite 59. Water at 40 and 54.
	E. Reid	Thompson Bros.	Dec. 10	5	3	60	18	"	D,S	Sandy earth 20; black granite 42; brown sandstone 78. Water at 65.
	H.D. Mathers	C. Goodberry Well Drilling Ltd.	Sept. 17	6	30	35	13	"	D,S	Clay boulders 30; granite 62. Water at 30 and 42.
	H. McManis	W.V. Nugent	Apr. 14	6	40	9	5	"	D	Sandy loam 1; hard sandstone 42. Water at 37.
	J.P. Pailier	"	May 8	6	13½	42	Flows	"	D	Sandy loam 3; shale 13; hard grey sandstone 57. Water at 53.
	R. Despins	"	Oct. 5	6	1	36	22	"	D	Sandy loam 2; sandstone 14; hard grey sandstone 40. Water at 37.
	Wm. Shepard	C. Goodberry Well Drilling Ltd.	Sept. 4	6	1	37½	10	"	D	Topsoil 1; clay 12; boulders 18; sandstone 40½. Water at 37.
	L. Dickinson	Thompson Bros.	Oct. 19	7	1½	30	10	"	D	Red earth 10; grey sandstone 41. Water at 36.

## LANARK COUNTY - cont.

LANARK COUNTY - cont.											
LANARK Twp.	lot 2	A. Graham	W. V. Nugent	Apr. 13	6	1½	34	18	Fresh	D, S	
Con V	" 3	S. S. No. 3	"	Jan. 9	6	10	67	67	"	P	Sandy loam 9; soft limestone shale 13; hard white limestone 50; soft brown limestone 55; sand white limestone 58. Water at 53.
Con X	" 11	C. Houlton	C. Goodberry Well Drilling Ltd.	Oct. 2	7	20	50	12	"	D, S	Sand gravel boulders 68; black granite 85. Water at 81. Clay 60; hardpan 70; gravel 78; fine sand 83; granite 151½. Water at 110 and 140.
Con XI	" 2	Boyd's School No. 11	W. V. Nugent	Apr. 13	6	30	10	7	"	P	Sand 2; gravel 36; white limestone 58. Water at 51.
Lanark		United Church	W. V. Nugent	June 3	6	20	25	20	Fresh	P	Sandy loam 5; white limestone 52; black granite 75; limestone 130. Water at 122.
Lanark		K. Gemmill	"	July 15	5				Fresh	N	White limestone 72. Water at 38, 55 and 72.
Lanark		L. Gemmill	"	July 29	5				"	N	Sand 9; white limestone 131. Water at 54, 79, 112 and 131.
Lanark		B. McEwen	"	Sept. 1	6	1	52	33	"	D, S	Clay loam 27; white limestone 115. Water at 108.
Lanark		B. McFarlane	Thompson Bros.	Oct. 13	6	1	80	12	"	D	Black clay 17; black granite 85. Water at 48.
Lanark		R. J. Drysdale	W. V. Nugent	Oct. 19	6	1	35	21	"	D	Sandy loam 6; white limestone shale boulders 18; white limestone 41; black granite 60. Water at 55.
Lanark		C. Sheard	"	Oct. 28	6	1½	35	28	"	D	Sandy loam 3; soft shaly limestone 110; sand white limestone 106; soft brown limestone 110; hard white limestone 114. Water at 107.
Lavant Twp.	lot 7	R. Thomas	W. V. Nugent	Feb. 23	5	20	9	9	Fresh	D	Sandy loam 10; limestone black slate 26. Water at 22.
Montague Twp.	lot 2	E. Merratt	N. Lackie	Apr. 6	5	5	15	3	Fresh	D	Clay 1½; limestone 47. Water at 47.
Con A	" 2	D. Honeywell	R. H. Miller	Aug. 17	5	10	37	37	"	D	Clay 37; limestone 75. Water at 75.
Con A	" 8	J. Knoch	H. Rathwell	Oct. 12	5	7	18	13	"	D	Sandy loam 2; grey limestone 50; grey shale 79. Water at 79.
Con A	" 21	J. Hutton	"	Oct. 12	5			12	"	D	Gravelly clay 4; grey limestone 60; black limestone 70. Water at 70.
Con I	" 4	D. Honeywell	N. Lackie	Aug. 12	5	15	21	18	"	D	Clay 38; limestone 80. Water at 80.
Con I	" 18	H. Woods	H. Rathwell	Oct. 1	5	7		23	"	S	Black loam 3; grey limestone sandstone 54; black limestone 81. Water at 54 and 80.
Con II	" 29	E. Attaway	R. H. Miller	July 9	2	20	12		"	D	Grey clay 23; grey limestone 70; grey shale 87. Water at 87.
Con IV	" 5	B. Birchill	N. Lackie	July 28	5	10	20	16	"	S	Clay 1 limestone 35. Water at 35.
Con IV	" 29	C. S. Flegg	G. V. Little	May 18	5	10	45	38	"	D	Clay loam 2; brown grey sandstone 64. Water at 64.
Con IV	" 29	D. Macdonell	W. V. Nugent	May 29	6	10	50	50	"	D	Clay loam 3; sandstone 73. Water at 68.
Con IV	" 29	R. Macdonell	N. Lackie	June 26	5	10	51	51	"	D	Clay 6; sandstone 62. Water at 62.
Con IV	" 29	J. R. Blackburn	R. H. Miller	July 3	2	3	65	52	"	D	Sandy loam 1; grey limestone 10; white sandstone 70; grey limestone 84. Water at 84.
Con IV	" 29	M. Percy	C. V. Morrison	Nov. 23	4	4½	43	40	"	D	Sandy loam 6; sandy limestone 71. Water at 70.
Con V	" 14	A. E. Carr	R. H. Miller	Sept. 8	4	7½	8	8	"	D	Brown earth 8; limestone 80. Water from 70 to 80.
Con V	" 24	Rev. E. Fhipps	"	July 17	2	4	85	60	"	D	Soft grey shale 20; hard limestone 55; brown sandstone 93. Water at 93.
Con V	" 28	M. Gowell	G. V. Little	Jan. 17	5	8	65	55	"	D	Earth 5½; grey limestone 40; yellow grey limestone 60; dark grey limestone 85. Water at 85.
Con V	" 28	C. Hoskins	N. Lackie	Mar. 2	4	8	63	63	"	D, S	Clay 3; sandstone 83. Water at 83.
Con V	" 29	A. Tarle	C. V. Morrison	Apr. 22	5	8	5	5	"	D	Soil 2; sandstone 80. Water from 70 to 80.
Con IX	" 1	E. Bennett	N. Lackie	Nov. 6	5	10	18	18	"	S	Clay 1 limestone 52. Water at 52.
Con X	" 19	W. Poliski	C. V. Morrison	Nov. 16	4	5	17	12	"	D	Soil 1; sandy limestone 38. Water at 35.

1.?, -Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANARK COUNTY - cont. North Burgess Twp. Con VI Con VII Con VII Con VII Con VIII Con VIII Con VIII Con VIII Con IX	S. S. No. 4	C. A. McCarthy	Oct. 29	6	15	28	28	Fresh	P	Sand loam 4½; limestone 68. Water at 65.
	C. Wilson	Thompson Bros.	May 16	6	30	15	15	"	D	Red sandy earth 24; brown sandstone 46. Water at 30.
	C. McShane	C. A. McCarthy	Oct. 16	6	32	16	12	"	D	Sandy loam 7½; limestone 27. Water at 27.
	R. Brosseau	"	Sept. 6	7	12	43	25	"	D	Sandy loam 6; clay boulders 27. Water at 27.
	H. Domely	"	July 31	7	15	25	25	"	D	Clay boulders 23; red granite 34; sandstone 36. Water at 60.
	R. McPartlin	"	Oct. 25	7	15	25	25	"	D	Clay 28; grey granite 47. Water at 47.
	J. Gilbert	"	Aug. 24	7	15	25	25	"	D	Sand loam 1; limestone 47. Water at 47.
	L. Coburn	"	Oct. 10	6	1	100	16	"	S	Sand loam 8; sandstone 41; black granite 100. Water at 30.
	F. Whitehouse	"	July 29	6	4	51	12	"	D	Sand loam 1; shale 3; black granite 51. Water at 20.
North Elmsley Twp. Con VI Con VII Con VII Con VII Con IX Con X	A. Poupet	C. V. Morrison	Dec. 4	4	5	10	10	Fresh	D	Sandy loam 8; sandstone 60. Water at 55.
	M. Gillies	"	May 23	4	5	9	8	"	D	Sandy limestone 75. Water from 60 to 75.
	M. Gould	"	June 3	4	5	38	35	"	S	Brown earth 4; red granite 102. Water at 100.
	C. Dowdall	W. V. Nugent	Apr. 6	6	30	2	2	"	D	Sandy loam 2; hard sandstone 36. Water at 22.
	J. Healey	International	July 11	6	20	52	17	"	D	Sandy loam 1; hard grey sandstone 87. Water at 75.
	National Water Supply	Water Supply	Dec. 8	12	202	73	32	"	F	Sandstone 13; limestone sandstone 165; white sandstone 220. Water at 145.
	Defense	C. Goodberry	Oct. 17	6	20	18	7	"	D, S	Boulders 2½; sandstone 20; grey granite 71. Water at 20, 30, 50 and 65.
	I. Spence	Well Drilling	Apr. 21	6	35	8	2	"	D	Clay loam 2; red granite 33; sandstone 60. Water from 33 to 60.
	R. McJennan	W. V. Nugent								
Pakenham Twp. Con III Con IV Con V Con V Con V Con VI Con VI Con VI Con XI Con XI Con XI Con XI Con XI	B. Miller	M. McLaughlin	Nov. 7	6	20	30	20	Fresh	D, S	Earth stones 16; gravel 64; soft red rock 90; grey limestone 97. Water at 97.
	R. J. Campbell	J. B. Dufresne	Mar. 4	6	40	232	36	"	D, S	Clay stone 10; granite 232. Water at 140.
	Can. Dept. of National Defense	International Water Supply	July 31	10	154	74	4	"	F	Black loam 2; hard clay boulders 13; hard white rock 35; white green grey rock from 35 to 250. Water at 26.
		"	June 29	10	100	33	8	"	P	Brown sand boulders 13; soft granite rock 53; hard coarse grey sandstone 60; soft grey rock 92; soft grey rock mica 121; grey brown rock quartz 141; pure quartz 145; green grey white red rock quartz 255. Water at 15.
		"	Nov. 30	10	30	46	27	"	P	Dirty sand gravel boulders 31; limestone 84; dolomite sandstone 129; white green grey dolomite 320.
	W. Lawson	A. Stanton	Nov. 5	5	8	40	20	"	D	Sand stones 4; sandstone 98. Water at 45, 79 and 90.
	F. Levy	D. O. MacHardy	June 8	4	7	40	15	"	D	Grey limestone 59. Water at 40 and 58.
	Dr. M. Spacek	A. Stanton	Apr. 4	5	8	45	30	"	D	Clay 28; grey limestone 98. Water at 67, 85 and 95.
	St. Peters	"	Apr. 11	5	7	40	30	"	D	Clay 29; grey limestone 102. Water at 47, 82 and 95.
	Catholic Church	"	Dec. 24	5	10	20	5	"	D	Clay 6; grey limestone 70. Water at 47 and 65.
Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI Con XI	Pakenham	"	Jan. 29	5	7	120	30	Sulphur	D	Clay 120; gravel sand 126; grey limestone 227. Water at 183 and 220.
	Curling Rink	"	Sept. 30	4	5	45	38	Fresh	D	Brown clay 30; grey limestone 70. Water at 70.
	J. Boef	"	Oct. 13	5	5	60	15	"	D	Brown clay 16; blue clay 122; gravel 123. Water at 123.
	N. Saunders	D. O. MacHardy	Feb. 13	5	10	52	20	Sulphur	D	Clay 90; sand gravel 101; grey limestone 307. Water at 163, 225, 278 and 290.
	C. Nugent	"								
	R. Burgess	A. Stanton								

## LANARK COUNTY - cont.

Ramsay Twp.	lot 2	D. I. Laeshley	D. O. MacHardy	May 29	4	5	32	32	32	Fresh	S	Granite 20;sandstone 50. Water at 50. Loom stones 18;sandstone 35. Water at 35. Loom stones 18;sandstone 55. Water at 55. Sand loam 3;shale 17;sandstone 42. Water at 38. Clay 4;boulders 10;grey granite 40. Water at 15, 30 and 35. Overburden 1;limestone 87. Water at 70.
Con IV	" 2	"	"	June 2	4	10	11	11	11	"	D	
Con V	" 3	F. H. Murphy	"	May 22	4	10	15	15	15	"	D	
Con V	" 5	W. Watson	W. V. Nugent	Apr. 29	6	30	20	20	20	"	D	
Con V	" 24	M. G. Gunn	C. Goodberry	Nov. 2	6	15	15	7	7	"	D, S	
Con VII	" 1	S. Weisz	Well Drilling	Mar. 11	5	10	32	30	30	"	D	
Con VII	" 7	A. C. Bennett	B. Phillips	Sept. 25	4	5	44	40	40	"	S	Soil 2;limestone 35;sandstone 110. Water from 60 to 110.
Con X	" 3	E. Jordan	C. V. Morrison	Mar. 4	5	10	12	12	12	"	D	Overburden 6;limestone 64. Water at 50. Sand 2;shale 7;sandstone 69. Water at 65. Soft grey shale 54. Water at 54.
Con X	" 15	C. V. Bridal	Drilling Co. Ltd	Nov. 4	5	1	45	29	29	"	D	
Con X	" 15	R. Raymond	W. H. Miller	Oct. 1	2	6	18	12	12	"	D	
South Sherbrooke Twp.												
Con I	lot 9	K. Norris	Thompson Bros.	June 19	5	1	90	10	10	Fresh	D	Previously drilled 42;black granite 95. Water from 68 to 85. Sandy soil 8;limestone shale 15;white limestone 115. Water at 108.
Con II	" 8	J. G. Morris	W. V. Nugent	Aug. 10	6	29	21	16	16	"	D	
Con II	" 14	Ottawa Boy	Thompson Bros.	Aug. 2	6	2	70	60	60	"	P	Brown earth 2;grey granite 148. Water at 125 and 138.
Con III	" 8	Scout Camp	W. V. Nugent	Aug. 20	6	1	80	27	27	"	D	Sandy loam 4;soft limestone 10;hard white limestone 103. Water at 80.
Con III	" 12	R. Buck	"	Aug. 17	6	10	14	14	14	"	D	Dug 15;white limestone 38. Water at 35.
Con VIII	" 11	S. Munro	C. Goodberry	May 8	6	1	25	10	10	"	D	Topsoil 1;fill boulders 12;red granite 61. Water at 36 and 60.
Con IX	" 14	W. Orser	Well Drilling	May 27	6	1	75	10	10	"	D	Clay 1;boulders 11;granite 85. Water at 35 and 80.
LEEDS COUNTY												
Athens		E. Coates	C. V. Morrison	Mar. 2	4	8	18	15	15	Fresh	D	Clay loam 13;grey sandstone 66. Water at 66.
Athens		D. Hartley	"	June 1	4	8	16	4	4	"	D	Sandy loam 1;brown limestone 22;sandstone 68. Water at 66.
Athens		J. Tutak	G. V. Little	June 6	5	10	5	12	12	"	D	Clay loam 3;hardpan 14;grey sandstone 62. Water at 40 and 62.
Athens		C. Scott	"	June 13	5	7	45	15	15	"	D	Clay loam 1;coarse grey sandstone 50. Water at 40 and 50.
Athens		R. Saunders	C. V. Morrison	July 16	4	20	14	12	12	"	D, C	Previously drilled 59;sandstone 101. Water at 100.
Athens		J. E. Norris	"	Aug. 18	4	5	20	12	12	"	D	Clay loam 16;sandy limestone 40;grey sandstone 92. Water at 90.
Athens		Bell Telephone Company	R. Kenny	Sept. 21	5	10	30	20	20	"	P	Grey clay 14;sandstone 65. Water at 60.
Athens		W. Schroeder	H. L. Davis	Sept. 22	5	10	30	30	30	"	D	Clay 9;limestone 84. Water at 82.
Athens		J. Runham	G. Morrison	Oct. 13	4	5	7	4	4	"	D	Light soil 2;sandy limestone 52. Water at 50.
Athens		I. Darling	"	Oct. 22	4	5	8	0	0	"	D	Clay loam 9;brown sandy limestone 60. Water at 60.
Athens		A. Young	R. Kenny	Oct. 30	6	15	8	0	0	"	D	Grey clay 10;sandstone 68. Water at 68.
Bastard Twp.	lot 7											
Con II	" 10	I. Walls	C. A. McCarthy	Apr. 20	6	20	18	8	8	Fresh	D	Old well 25;limestone 60. Water at 58.
Con II	" 10	G. Baker	R. H. Miller	Apr. 3	2	20	15	10	10	"	D	Light brown sandstone 8;dark grey limestone 60;dark grey shale 62. Water at 62.
Con II	" 17	Rathwell &	C. A. McCarthy	Apr. 15	6	20	10	7	7	"	D	Sand loam 1;limestone 24. Water at 20.
Con II	" 19	Perrin Lumber	"	June 2	6	20	15	2	2	"	D	Clay boulders 33;limestone 68. Water at 65.
Con II	" 19	S. S. Scovill	"	June 5	6	20	34	4	4	"	D	Clay gravel 28;limestone 54. Water at 50.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEES COUNTY - cont.										
Bastard Twp. - cont.										
Con III lot 16	R. Chant	C.A. McCarthy	June 30	6	15	38	30	Fresh	D	Sand loam 2; limestone 20; sandstone 48. Water at 45.
Con III " 18	D. Polk	"	Sept. 14	6	20	15	15	"	D	Clay 3; sandstone 30. Water at 27.
Con III " 19	H. Grummett	"	July 2	6	15	18	18	"	D	Sandstone 33. Water at 30.
Con III " 20	F. Warner	R. Kenny	June 11	6	10	20	6	"	D	Sandy soil 7; grey limestone 48. Water at 45.
Con VII " 22	L. Gardner	C.A. McCarthy	July 22	6	15	22	16	"	D	Sand loam 3; sandstone 29. Water at 25.
Con IX " 23	Ont. Hydro	C. Morrison	June 2	5	25	13	10	"	D	Sandy soil 3; limestone 55. Water at 50.
Con IX " 23	Electric Comm.	C.A. McCarthy	July 16	5	20	23	7	"	P	Dug 15; limestone 80. Water at 77.
Con IX " 24	Delta Fair Board	"	July 17	6	15	10	5	"	P	Sand gravel 54; clay 59; sand gravel 60. Water at 60.
Brockville	O. Federer	R. Kenny	Jan. 27	6	20	20	10	Fresh	P	Silt 14; sandstone 53; limestone 80. Water at 75.
Brockville	B. Mesini	R.H. Miller	Sept. 30	2	12	15	9	"	"	Hardpan large boulders 45; hard grey limestone 86. Water at 86.
Brockville	Muttart Company	"	Oct. 16	2	24	5	1	"	Ind.	Grey clay 10; sand 20; gravel 31; hard grey limestone 136. Water at 136.
Brockville	V. Quinn	"	Dec. 10	2	12	15	3	"	D	Old well 36; grey quartz 104. Water at 104.
Elizabethtown Twp.										
Con I lot 3	W. Veenstra	C.V. Morrison	Jan. 22	4	7	1	Flows	Fresh	D	Soil 2; sandy limestone 66. Water from 50 to 66.
Con I " 3	A.B. Henderson	R.H. Miller	Feb. 24	2	10	23	16	"	D	Sandy loam 18; light grey limestone 50; white quartz limestone 100; white quartz 135. Water at 135.
Con I " 3	C.& H. Fennell	L. Thompson	Aug. 7	5	13	52	52	"	D	Brown sand 12; black sandstone 60; white sandstone 112. Water at 60, 100 and 112.
Con I " 3	M. Higgins	R.H. Miller	Sept. 2	2	10	15	6	"	D	Grey clay 8; grey white quartz 108. Water at 108.
Con I " 6	K. Hall	C.V. Morrison	May 11	4	8	22	20	"	D	Clay loam 6; brown grey granite 60. Water at 58.
Con I " 18	H. Krugel	Thompson Constr.	July 3	5	20	50	35	"	D	Hard granite, red clay 80. Water at 50 and 80.
Con I " 19	W. Zahn	R. Kenny	Oct. 17	6	5	20	20	"	D	Sandy soil 6; grey granite 50; red granite 113. Water at 113.
Con I " 24	E. Hodge	R.H. Casselman	July 21	6	12	56	47	"	D	Red granite 153. Water at 143.
Con I " 24	D. Jackson	C.V. Morrison	Oct. 14	5	12	6	4	"	D	Sandy soil 6; blue clay 39; grey granite 74. Water at 70.
Con I " 27	J. Fulford	"	Oct. 22	4	7	15	15	"	D	Soil 1; brown sandstone 20; white sandstone 60. Water at 58.
Con I " 28	T. Shewan	R.H. Miller	Feb. 25	2	12	12	12	"	D	Brown clay 5; light grey limestone 38. Water at 38.
Con I " 28	C. VanAndel	"	May 1	2	10	12	12	"	D	Grey clay 20; grey limestone 49. Water at 49.
Con I " 29	E. Sargent	H.L. Davis	Aug. 19	10	15	15	15	"	D	Sand 3; sandstone 42. Water at 40.
Con I " 31	H. Billings	A.H. Davy	Jan. 9	6	15	60	56	"	D	Shale 8; sandstone 77. Water at 74.
Con I " 31	G. Russel	R. Kenny	Oct. 21	5	5	35	10	"	D	Sandy soil 1; sandstone 50. Water at 50.
Con I " 33	R.L. Perry	S.V. Little	June 26	5	10	17	12	"	D	Clay loam 2; grey limestone 40; coarse grey sandstone 61. Water at 45 and 61.
Con I " 34	A. Dalton	R.H. Miller	Oct. 29	2	6	49	40	"	D	Soft grey shale 35; hard grey limestone 88. Water at 88.
Con I " 36	G. Hodge	C.V. Morrison	Jan. 14	4	5	27	24	"	D	Soil 1; sandy limestone 82. Water from 60 to 82.
Con I " 37	T. Hough	R.H. Miller	June 23	2	2	10	82	"	D	Old well 82; grey granite 137. Dry hole.
Con II " 6	J. Schaefferman	T.L. Davis	Mar. 30	5	5	16	13	Fresh	D	Brown earth 3; shale 11; limestone 50. Water at 48.
Con II " 6	J. Bangma	H.L. Davis	Apr. 16	4	10	12	12	"	D	Clay 4; gravel 16; sandstone 51. Water at 50.
Con II " 7	M. Ball	R.H. Miller	Aug. 12	2	5	40	26	"	D	Old well 26; hard grey limestone 63. Water at 63.
Con II " 12	C. Lean	G.V. Little	July 1	5	10	14	5	"	D	Topsoil fill 3; clay loam 7; hardpan small boulders 20; grey sandstone 38. Water at 38.
Con II " 14	W. Dalock	H.L. Davis	Mar. 21	5	10	25	20	"	D	Sand 6; sandstone 46. Water at 44.
Con II " 14	R. Croft	L.O. Thompson	Aug. 1	5	20	24	8	"	D	Dark brown loam 3; shaly brown sandstone 42. Water at 42.
Con II " 15	A. Gattler	H.L. Davis	Mar. 14	5	10	10	10	"	D	Clay 4; sandstone 51. Water at 70.
Con II " 16	J. Kieweter	C.V. Morrison	Sept. 7	5	15	12	12	"	D	Brown limestone 72. Water at 70.
Con II " 16	H.L. Davis	H.L. Davis	Oct. 12	5	10	25	15	"	D	Sand 2; sandstone 59. Water at 57.
Con II " 17	D.A.H. Cook	L.O. Thompson	July 10	5	17	45	35	"	D	Brown loam 2; grey sandstone 52. Water at 45 and 52.
Con II " 17	D.N. Chadwick	"	July 24	5	15	50	35	"	D	Rock light brown sandstone 16; black slate 40; yellow white sandstone 60. Water at 40 and 60.



LEEDS COUNTY - cont.  
Elizabethown Twp.

LEEDS COUNTY - cont.	W. G. Smith	L. O. Thompson	Aug. 24	5	15	50	37	Frest.	D	
Elizabethtown Twp. Con II										Rocky shale brown limestone 37; grey sandstone 60. Water at 60.
"	P. Kearney	C. V. Morrison	Oct. 27	4	7	12	12	"	D	Sandy loam 1; sandy limestone 43. Water at 40.
"	J. Pakeman	H. L. Davis	July 14	10	10	15	20	"	D	Sand 3; sandstone 66. Water at 64.
"	F. White	"	Apr. 29	5	2	10	15	"	D	Sand 1; sandstone 69. Water at 68.
"	G. Hudson	R. H. Miller	June 25	2	2	2	12	"	D, S	Grey clay 14; sand 2; white quartz 79. Water at 79.
"	H. Jucker	H. L. Davis	May 28	5	10	10	10	"	D	Clay 2; sandstone 65. Water at 63.
"	C. V. Morrison	C. V. Morrison	Mar. 14	5	5	20	40	"	D	Soil 3; sandy limestone 75. Water from 70 to 75.
"	H. Avery	L. O. Thompson	Nov. 10	5	15	40	7	"	D	Brown clay 3; brown clay 18; coarse gravel 20; grey granite 58. Water at 20 and 51.
Con III	L. Beouvers	H. L. Davis	June 25	5	10	30	30	"	D	Sand 3; limestone 62. Water at 60.
Con III	J. Beaudin	"	Aug. 12	5	10	15	15	"	D	Sand 3; sandstone 44. Water at 42.
Con III	L. J. Thompson	L. O. Thompson	June 12	5	20	20	7	"	C	Limestone 30; brown sandstone 50. Water at 30 and 50.
Con III	G. Barrington	H. L. Davis	June 8	5	10	30	20	"	D	Sand 3; sandstone 86. Water at 84.
Con III	R. K. Jensen	R. H. Miller	May 19	2	6	40	20	"	D	Sandy loam 1; grey shale 34; grey limestone 92. Water at 92.
Con III	P. Hargist	R. Kenny	Sept. 30	6	5	25	15	"	D	Sandy loam 2; sandstone 65. Water at 65.
Con III	H. Reidick	G. Morrison	Nov. 17	4	5	12	10	"	D	Soil 2; brown limestone 20; grey sandstone 60. Water at 58.
Con III	P. Tefford	H. L. Davis	Aug. 25	5	15	20	20	"	D	Dark soil 9; sandstone 57. Water at 53.
Con III	A. Holt	R. Morrison	June 15	5	15	35	16	"	D	Brown clay 10; sandstone 61. Water at 60.
Con III	A. Coon	R. Kenny	Oct. 7	5	35	35	16	"	D	Sand 3; sandstone 48. Water at 46.
Con III	M. V. Flood	H. L. Davis	Apr. 25	4	10	20	15	"	D	Sand 1; limestone 53. Water at 51.
Con III	D. Ferguson	"	June 13	5	10	20	20	"	D	Sand 2; sandstone 60. Water at 58.
Con III	L. Cross	"	June 8	5	10	20	15	"	D	Sand 3; sandstone 57. Water at 55.
Con III	F. Vandusen	"	Dec. 1	5	10	20	20	"	D	Clay 10; limestone 92. Water at 90.
Con III	L. L. S. S.	G. V. Little	Oct. 30	5	12	25	25	"	D	Sandy loam 2; grey limestone 69. Water at 15 and 69.
Con IV	A. Dier	J. B. Dufreres	Mar. 28	5	12	19	18	"	D	Clay 22; boulders gravel 54; sandstone 80. Water at 75.
Con IV	Flanders Co-Op	"	Apr. 4	8	20	80	24	"	T	
Con IV	Heights Co-Op	"	May 20	2	8	15	10	"	D	Red sand 10; grey limestone 54. Water at 54.
Con IV	I. Voievidca	R. H. Miller	Sept. 4	4	10	30	20	"	D	Sand 15; sandstone 72. Water at 70.
Con IV	N. Scott	H. L. Davis	June 22	6	10	20	20	"	P	Sand 4; sandstone 91. Water at 89.
Con IV	Public School	"	June 17	5	10	10	10	"	P	Loam fill 2; grey limestone 30; brown sandstone 55. Water at 30 and 55.
Con IV	E. Allen	L. O. Thompson	"	5	10	10	10	"	"	
Con IV	H. Mulder	R. H. Miller	Sept. 7	2	12	27	23	"	D, S	Sandy loam 4; grey limestone 56; white quartz 113. Water at 113.
Con IV	J. Kronmeyer	C. V. Morrison	Sept. 12	4	5	14	10	"	D	Limestone 35; sandstone 61. Water at 60.
Con IV	L. O. Thompson	"	Sept. 23	5	17	30	20	"	D, S	Brown topsoil 4; limestone 30; brown sandstone 83. Water at 83.
Con IV	J. Hekete	C. V. Morrison	Oct. 2	4	3	12	10	"	D	Light soil 2; limestone 35; grey sandstone 65. Water at 61.
Con IV	J. Bax	R. H. Miller	Sept. 9	2	7	22	18	"	D	Grey clay 10; fine gravel 21; grey limestone 73. Water at 73.
Con IV	G. Townsend	"	July 10	5	8	50	25	"	D	Fill 3; clay loam 1; grey limestone 50; grey sandstone 79. Water at 60 and 79.
Con IV	J. Chatham	G. V. Little	"	5	8	50	25	"	D	Water at 60 and 79.
Con IV	"	"	Aug. 3	5	10	22	12	"	D	Clay loam 3; hardpan 10; grey limestone 40; grey sandstone 66. Water at 66.
Con IV	R. J. Stafford	"	"	5	10	22	12	"	D	Water at 66.
Con IV	J. Praskey	H. L. Davis	Oct. 22	4	10	20	20	"	D	Clay 10; sandstone 84. Water at 82.
Con IV	L. Malanka	R. H. Miller	Oct. 6	2	8	18	11	"	D	Clay 3; sand 1; light grey quartz 72. Water at 72.
Con V	C. Corey	H. L. Davis	Sept. 14	4	10	25	20	"	D	Clay 4; limestone 68. Water at 66.
Con V	B. Moore	"	Dec. 5	4	10	20	12	"	D, S	Clay 6; sandstone 80. Water at 78.
Con VI	C. Kennedy	"	July 29	4	10	15	15	"	D	Clay 3; limestone 49. Water at 47.
Con VII	R. Meldrum	T. Davis	Sept. 18	5	10	12	8	"	D	Clay loam 3; limestone 51. Water at 49.
Con VII	"	"	Nov. 13	5	10	20	15	"	D	Clay loam 2; limestone 51. Water at 50.
Con VII	B. Percival	H. L. Davis	Sept. 10	5	10	40	40	"	D	Sand 3; limestone 91. Water at 90.
Con VII	A. Tanney	"	Oct. 2	5	10	25	20	"	D	Sand 2; limestone 78. Water at 76.
Con VII	M. Pattimore	C. V. Morrison	Oct. 20	4	10	40	40	"	D	Soil 2; limestone 89. Water from 80 to 89.
Con VIII	S. McCann	C. Morrison	July 4	5	20	32	22	"	D, S	Sand soil 4; shale 12; sandstone 80. Water at 70.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>LEEDS COUNTY - cont.</b>										
Elizabethtown Twp. Con VIII lot 35	W. Hewitt	H. L. Davis	Apr. 1	5	10	30	20	Fresh	D, S	Clay 12; sandstone 80. Water at 78.
Con VIII " 35	G. Miller	"	Nov. 5	4	10	20	20	"	D	Clay 4; limestone 56. Water at 54.
Con IX " 13	R. Davis	"	Aug. 14	4	10	12	8	"	D, S	Sand 1; limestone 62. Water at 60.
Con IX " 18	E. Stapper	"	Nov. 21	5	7	56	33	"	D, S	Clay 8; limestone 78. Water at 76.
Con IX " 25	B. Blanchard	G. V. Little	Aug. 22	5	7	56	33	"	D	Clay loam 1; grey limestone 45; grey sandstone 78. Water at 40 and 78.
Con X " 14	C. Bawers	H. L. Davis	May 6	4	10	20	18	"	D	Sand 3; limestone 60. Water at 58.
<b>Front of Escott Twp.</b>										
BF lot 13	R. Schiech	Wm. H. Davy	June 3	6	10	30	25	Fresh	D	Sandy loam 2; red granite 61. Water at 40.
BF " 14	A. Blair	"	Aug. 6	6	5	86	12	"	D	Sand 8; red granite 86. Water at 80.
BF " 22	W. S. Barling	C. V. Morrison	July 3	4	8	25	20	"	D	Grey granite 72. Water at 70.
BF " 23	C. Poole	Wm. H. Davy	Aug. 22	6	2	81	45	"	D	Blue clay 3; red granite 81. Water at 45.
<b>Front of Lansdowne</b>										
Twp. lot 6	G. Cross	Wm. H. Davy	Jan. 15	6	15	41	12	Fresh	D	Shale 1; red granite 41. Water at 30.
Con I " 15	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Oct. 26	6	8	40	8	"	P	Clay 37; granite 58. Water at 45 and 55.
Con I " 18	F. Trusdell	"	Dec. 2	7	5	40	4	"	D	Fine sand 46; granite 52. Water at 47.
Con II " 18	B. Allan	Wm. H. Davy	May 26	6	10	55	30	"	D	Blue clay 10; sandstone 61. Water at 55.
Con II " 18	O. Warren	"	June 10	6	5	66	5	"	D	Blue clay 55; red granite 66. Water at 53.
Con III " 10	E. LaFirst	"	July 1	6	10	15	12	"	D	Blue clay 3; red granite 42. Water at 35.
Con III " 18	D. Greer	"	July 20	6	10	20	25	"	D	Sandy loam 12; sandstone 52. Water at 45.
Con V " 10	C. V. Running	R. H. Miller	June 19	2	4	34	18	"	D	Old well 25; red granite 74. Water at 74.
Con VI " 23	E. Webster	"	Aug. 5	2	4	18	12	Fresh	D, S	Well pit 8; red granite 95. Dry hole.
Con VI " 23	International Resorts	R. H. Casselman	Aug. 11	2	4	18	12	"	C	Sandy loam 3; red granite 136. Water at 130.
Hill Island	Facilities	"	Oct. 27	6	20	28	8	"		Clay 11; gravel 81. Water at 71.
<b>Rowley Island</b>										
	H. G. Tauber	R. H. Miller	June 17	2	8	16	14	"	D	Small boulders 7; red granite 148. Water at 148.
<b>Front of Leeds Twp.</b>										
Con I lot 1	H. Oikle	C. Goodberry Well Drilling Ltd.	Feb. 4	7	6	23	3	Fresh	D	Clay 59; gravel 61; hardpan 61; grey granite 67. Water at 63.
Con I " 2	G. Scott	"	Jan. 29	7	3 1/2	130	2	"	D	Clay 61; dark grey granite 120; light grey granite 128; black granite 132; light grey granite 138. Water from 80 and 132.
Con I " 6	J. McMinch	"	May 14	6	20	35	26	"	D	Topsoil 1; sand 5; broken rock 12; grey rock 70. Water at 65.
Con I " 9	C. Wray	Wm. H. Davy	Apr. 1	6	1 1/2	140	12 1/2	"	D	Topsoil 1; sand 5; broken granite 145 1/2. Water at 60 and 140.
Con I " 18	J. MacNeil	"	May 1	6	10	25	10	"	D	Blue clay 15; green granite 58. Water at 45.
Con I " 24	J. C. Turcott	C. Goodberry Well Drilling Ltd.	Feb. 27	6	20	60	17	"	D	Topsoil 1; clay 13; grey granite 40; red granite 90; grey granite 105. Water at 40 and 95.
Con II " 8	G. Dixon	Wm. H. Davy	Mar. 17	6	15	41	21	"	D, S	Sandy loam 5; red granite 61. Water at 61.
Con II " 9	J. Gilbert	R. Kenny	Jan. 22	6	12	20	10	"	D	Loam 1; red limestone 40. Water at 35.
Con II " 9	S. Shaw	W. Davy & Son	Mar. 5	6	15	10	4	"	D	Loam 1; red black granite 35. Water at 31.
Con III " 6	J. Nuttall	W. H. Davy	Apr. 1	6	15	55	11	"	D	Clay gravel 19; red granite 55. Water at 41.
Con III " 18	L. Cybeleki	"	Mar. 24	6	15	55	7	"	D	Loam 1; red granite 55. Water at 55.
Con IV " 7	E. Nuttel	R. Kenny	Apr. 29	6	17	4	4	"	D	Clay 1; sand 8; grey granite 51. Water at 47.
Con V " 6	A. Sly	Wm. H. Davy	May 12	6	1 1/2	103	30	"	D	Blue clay 36; red granite 103. Water at 70.

LEEDS COUNTY - cont  
Front of Yonge Twp.  
lot 2

	E. Thompson	R.H. Miller	June 29	2	3	75	62	Fresh	D	
BF	E. Lloyd	"	July 31	2	12	16	13	"	D	Sandy loam 2; grey limestone 88; grey granite 139. Water at 139.
BF	Morrisburg Parks Comm. Ont. St.	R. Kenny	May 6	6	20	13	10	"	P	Red sand 20; red granite 61. Water at 61.
BF	Lawrence Dev. Comm.	R.H. Cassleman	Aug. 22	5	20	35	9	"	P	Loam 1; grey limestone 160; red limestone 185. Water at 185.
BF	H. Trickey	R.H. Miller	Dec. 1	2	6	15		"	P	Clay 15; clay gravel 53; red granite 60; sandstone 69; red granite 76; sandstone 110. Water at 100.
BF	T. Guild	"	Feb. 17	2	2	25	10	"	D	Red sand 5; soft green shale 116. Water at 116.
Con I	V.J. Kelly	"	May 8	2				"	D	Red sand 3; grey granite 116. Water at 116.
Con I	V. Kelly	"	Oct. 26	2	4	21	19	Fresh	D	Sandy loam 6; blue porphyry 150. Dry hole.
Con I	L. Cohen	L.O. Thompson	Sept. 24	5	13	50	15	"	D	Old well 150; red granite 175; green quartz 220; black granite 279. Water at 279.
Con I	A. Johnston	C.V. Morrison	May 16	4	8	17	13	"	D	Brown loam 6; grey granite 101. Water at 100.
Con I	E. Webster	L.O. Thompson	Mar. 18	5	5	2	2	"	D	Brown limestone 15; red granite 40. Water at 38.
Con I	H. Eligh	C.V. Morrison	May 26	4	8	12	10	"	D	Clay hardpan 8; red granite 36. Water at 27.
Con I	B. Avery	"	June 6	4	5	12	10	"	D	Clay loam 8; brown grey granite 54. Water at 52.
Con I	G. Gordon	R.H. Miller	Dec. 3	4	8	12	10	"	D	Clay loam 6; grey granite 80. Water at 78.
Con XI	P. Vandermade	C.V. Morrison	Oct. 30	5	15	35	35	"	D	Red granite 76. Water at 76.
Con XI	D. Luker	"	Oct. 21	5	17	36	36	"	D	Clay 10; limestone 28. Water at 77.
										Blue clay 25; sandstone 95. Water from 49 to 90.
Kitley Twp.										
Con II	F. Garvin	C.V. Morrison	Apr. 20	4	5	29	25	Fresh	D	Clay boulders 2; sandy limestone 71. Water from 60 to 71.
Con III	T. Myers	"	Oct. 24	4	4	51	42	"	D	Previously drilled 64; limestone 100. Water from 90 to 100.
Con IV	K. Wells	"	July 8	4	5	21	18	"	D	Dark earth 6; sandy limestone 77. Water at 70.
Con IV	L. Kinch	"	Sept. 4	4	5	32	20	"	D	Soil 1; limestone 25; sandy limestone 80. Water from 60 to 80.
Con VI	W.J. Wright	"	Sept. 17	4	5	32	20	"	D	Soil 2; limestone 80. Water from 70 to 80.
Con VI	B. Thompson	H.L. Davis	Dec. 17	5	10	40	30	"	D	Clay 4; limestone 102. Water at 100.
Con VII	A. Leacock	C.V. Morrison	Aug. 4	4	5	33	30	"	D	Clay stones 4; limestone 20; sandy limestone 77. Water from 70 to 77.
Con VII	C. Carr	"	June 19	5	5	17	16	"	D	Previously drilled 25; limestone 57. Water at 56.
Con VII	J. Jones	H.L. Davis	Dec. 5	4	10	20	20	"	D	Clay 3; limestone 60. Water at 58.
Con VII	M. Montgomery	G.V. Little	June 1	4	10	18	12	"	S	Previously drilled 40; light grey limestone 60. Water at 60.
Con IX	C. Brundige	C.V. Morrison	Apr. 11	5	5	10	10	"	S	Old drilled well 33; grey limestone 73. Water from 60 to 73.
Con IX	C. Ireland	"	Mar. 28	4	5	20	16	"	D	Soil 6; grey limestone 76. Water from 60 to 76.
Con IX	N. Moore	"	July 22	4	5	35	25	"	D	Sandy loam 6; limestone 50; sandy limestone 122. Water at 120.
Con IX	Edwards	"						"		
Transport Ltd.			Dec. 15	4	5	18	18	"	C	Earth 2; limestone 70; sandstone 151. Water from 40 to 151.
North Crosby Twp.										
Con II	T. Atkey	C.A. McCarthy	Apr. 23	6	2	50	3	Fresh	D	Sandstone 5; limestone 50. Water at 45.
Con II	P. Queden	"	May 1	6	1	72	20	"	D	Pebbly gravel 3; limestone 72. Water at 50.
Con II	T. Ely	Thompson Bros.	Nov. 8	7	1	54	20	"	D	Brown earth 6; brown limestone 59. Water from 40 to 52.
Con VII	O. Palmer	C.A. McCarthy	Aug. 20	6	10	119	119	"	S	Dug well 12; sandstone 102; red granite 112; grey granite 122; red brown soft material 143. Water at 140.
Con VIII	R. Wing	W.H. Davy & Son	Nov. 26	6	15	36	18	"	S	Red hill sand 4; red granite 76. Water at 74.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY - cont. Rear of Escott Twp. Con VIII lot 22	W. Hanton	C.V. Morrison	June 30	6	32	6	0	Fresh	P	Black earth 5; clay 10; hardpan 15; gravelly hardpan 25. Water from 15 to 20.
Con IX " 21	G. Canella	G. Morrison	Dec. 19	4	5	22	20	"	D	Brown granite 45; grey granite 91. Water at 90.
Hear of Landsdowne Twp. Con X lot 2	G. Preston	R. Kenny	May 13	6	20	10	10	Fresh	D	Grey clay 12; quicksand 22; grey limestone 68. Water at 60.
Con X " 2	M. Seaman	"	June 28	6	10	40	25	"	D	Grey clay; sandstone 120. Water at 120.
Con XI " 4	C. Earl	"	Feb. 24	6	3	96	10	"	D, S	Sandy loam 3; limestone 96. Water at 40.
Rear of Leeds Twp. Con VIII lot 3	H. Young	W.H. Davy & Son	Oct. 3	6	10	49	10	Fresh	D	Sand 7; granite 49. Water at 40.
Con VIII " 4	R. Stanton	"	Oct. 7	6	10	25	15	"	D	Blue clay 28; white limestone 69. Water at 60.
Rear of Yonge Twp. Con VIII lot 10	E. Moulton	C.V. Morrison	Jan. 26	4	8	8	5	Fresh	D	Clay loam 7; grey sandstone 34. Water at 33.
Con VIII " 10	G. Redford	C.A. McCarthy	Sept. 17	6	15	11	6	"	D, S	Clay 7; sandstone 30. Water at 30.
Con VIII " 15	J. Suid	C.V. Morrison	July 13	4	8	2	2	"	D	Clay loam 15; sandy limestone 48. Water at 46.
Con IX " 1	M. Brown	H.L. Davis	Sept. 28	5	10	30	20	"	D	Sand 8; limestone 80. Water at 78.
Con IX " 10	R. Singleton	"	Sept. 16	5	10	8	8	"	D	Clay 4; limestone 44. Water at 42.
Con X " 24	D. Fuzie	R. Kenny	July 27	6	10	40	30	"	D	Sandy soil 1; sandstone 72. Water at 70.
Con XI " 12	P. Van Drunen	C.V. Morrison	Jan. 10	4	8	9	7	"	D	Clay loam 4; sandy limestone 65. Water at 64.
South Burgess Twp. Con II lot 11	R.L. Crane	C.A. McCarthy	Dec. 31	6	1/2	277	65	Fresh	D	Sand loam 2; crumbly limestone 25; hard grey limestone 120; white limestone 130; graphite 150; white limestone 160; graphite 170; white limestone 277. Water at 46.
Con II " 21	W. Caldwell	"	Aug. 24	6	1	32	10	"	D	Sand loam 3; sandstone 32. Water at 32.
Con II " 33	I. Seward	"	May 13	6	3	48	8	"	D	Sand loam 7 1/2; limestone 48. Water at 46.
South Crosby Twp. Con II lot 9	C.G. Smith	C.A. McCarthy	May 11	6	20	25	15	Fresh	D	Sand loam 17; limestone 48. Water at 45.
Con II " 11	H. Summer	"	Sept. 11	6	15	20	15	"	D, S	Dug well 23; sandstone 49. Water at 48.
Con II " 12	O. Mustard	"	June 13	6	20	12	12	"	D	Sand 16; sandstone 29. Water at 27.
Con II " 13	H. Soper	R. Kenny	Apr. 22	6	13	15	10	"	D	Clay 12; sand 22; sandstone 30. Water at 30.
Con II " 13	W. Singleton	C.A. McCarthy	May 5	6	20	15	15	"	D	Old hole 17; red tuffaceous rock 69. Water at 65.
Con II " 13	L. Kenney	"	July 23	6	20	34	8	"	D	Sand 10; sandstone 34. Water at 32.
Con II " 13	Elgin School	R. Kenny	Sept. 21	6	20	15	4	"	D	Grey clay 4; sandy soil 18; grey limestone 65. Water at 65.
Con II " 12	J. Stevens	"	Mar. 10	6	16	4	4	"	D	Shale 4; red granite 70. Water at 65.
Con V " 1	G. Rontlie	"	July 16	6	5	50	20	"	D	Sandy loam 6; red granite 69. Water at 67.
Con V " 1	F. Taylor	R.H. Miller	Nov. 10	2	7	17	12	"	D	Red granite 70. Water at 70.
Con V " 1	R.M. Roanree	"	Nov. 17	2	9	28	24	"	D	Grey clay 30; hardpan large boulders 45; red granite 72.
Con VI " 6	M.E. Manchester	"	Nov. 2	2	8	21	15	"	D	Water 16 7/2; soft limestone 61. Water at 61.
Con VI " 6	G. Bethman	"	Nov. 5	2	8	21	15	"	D	Sandy loam 2; soft limestone 61. Water at 61.
Con VIII " 17	J. Allford	R. Kenny	Apr. 15	6	3	100	20	"	C	Red granite 95. Water at 95.
Con VIII " 17	E. Graves	C.A. McCarthy	Aug. 31	6	20	30	30	"	C	Sandy loam 8; white limestone 185. Water at 185.
Con VIII " 17	Opticon Ltd.	C. Goodberry	Nov. 5	6	3	120	35	"	P	Sand 1; limestone 46. Water at 45.
South Elmsley Twp. Con I lot 6	W. Simpson	H.L. Davis	Apr. 10	5	10	25	0	Fresh	D	Top soil 1; sand 15; granite 127. Water at 90 and 115.
Con II " 19	J. Jordan	C.V. Morrison	Aug. 5	4	8	6	6	"	D	Clay gravel 55; sandstone 65. Water at 64.
Con II " 25	H. Looby	C.A. McCarthy	June 19	6	20	15	15	"	D	Soil 3; sandy limestone 36. Water from 30 to 36. Limestone 25; sandstone 40. Water at 38.

LEEDS COUNTY - cont.

Con	lot	V. Metcalfe	C.V. Morrison	Apr. 30	4	5	12	Fresh	D	Soil
Con III	7	V. Metcalfe	C.V. Morrison	Apr. 30	4	5	12	Fresh	D	Soil 1; sandy limestone 55; Water from 50 to 55.
Con III	"	E. Orr	C.A. McCarthy	Apr. 14	6	20	10	"	D	Limestone 33; Water at 30.
Con III	"	N. Edwards	C.V. McCarthy	Apr. 10	6	20	9	"	D	Grey limestone 27; Water at 25.
Con III	"	D. McGill	C.V. Morrison	Dec. 18	4	5	18	"	D	Soil 4; sandy limestone 70; Water from 60 to 70.
Con III	"	J. Strickland	C.A. McCarthy	June 24	6	20	37	"	D	Hard grey sandstone 15; limestone 52. Water at 50.
Con IV	"	M. Kohlmeir	C.V. Morrison	Apr. 27	4	8	12	"	D	Soil 1; sandstone 57. Water at 50.
Con IV	"	O.W. Quinn	"	Apr. 30	4	8	17	"	D	Soil 1; sandstone 50. Water at 50.
Con IV	"	H. McCombs	"	July 28	4	7	10	"	D	Soil 1; limestone 20; sandy limestone 62. Water from 50 to 62.
Con IV	"	M.A. Lang	"	June 13	4	5	15	"	D	Earth stones 7; sandstone 41. Water at 41.
Con V	"	W. McEwen	C.A. McCarthy	June 17	6	26	4	"	D	Hard grey limestone 26. Water at 20.
Westport	"	United Church	C.A. McCarthy	June 10	6	20	20	Fresh	D	Clay boulders 23; limestone 40. Water at 37.
Westport	"	St. Paul's Anglican Rectory	Thompson Bros.	June 24	7	1	42	"	D	Clay boulders 22; hard sandstone 47. Water at 38.
Westport	"	E. McGregor	"	June 29	7	1	74	"	In	Brown earth boulders 10; gravel 20; blue clay 31; limestone 74. Water at 68.
Westport	"	R. Flegg	"	Aug. 25	5	3	21	"	D	Clay 28; boulders gravel sand 37; hard sandstone 52. Water at 47.
Westport	"	W. Burns	C.A. McCarthy	Nov. 10	6	15	26	"	D	Clay boulders 55; limestone 75. Water at 72.
LENNOX AND ADDINGTON										
COUNCILS										
Abinger Twp.	lot 8	S. Fields	Eastern Ontario Diamond Drilling	Aug. 28	2	2	35	Fresh	C	Gravel 8; red granite 41. Water at 34.
Adolphustown Twp.	lot 22	W. Allen	G.S. Chalk Sr.	Aug. 28	6	14	40	Fresh	D	Hardpan 39; limestone 65. Water at 52.
Con I	lot 13	G. Brooks	G.S. Chalk Jr.	Sept. 18	6	4	71	"	S	Clay 7; limestone 71. Water at 11.
Amherst Island Twp.	lot 18	S. Vondine	J. Knox	Sept. 1	6	3	73	Fresh	S	Earth 5; blue limestone 73. Water at 60.
Con I	"	S. Reid	"	Sept. 26	6	3	22	Sulphur	S	Blue clay 5; blue limestone 51. Water at 40.
Con II	"	G. Ried	"	Oct. 3	6	3	56	Fresh	S	Blue clay 5; blue limestone 56. Water at 45.
Anglesea Twp.	lot 24	L. Weeks	L.B. Macdonald	Jan. 10	6	1	26	Fresh	D	Soil 1; red granite 36. Water at 28.
Con X	"	W.G. Faulkner	G.H. Chalk Jr.	June 23	6	6	69	"	D	Sand boulders 10; black granite 69. Water at 67.
Camden Twp.	lot 1	J.W. Salsbury	G.S. Chalk Sr.	July 21	6	3	105	Fresh	D	Soil 2; limestone 105. Water at 60.
Con I	"	B. Sutton	V.N. Miller	Jan. 18	6	10	15	"	D	Brown clay 10; limestone 80. Water at 70.
Con I	"	A. Kimmett	W.H. Davy & Son	July 14	6	15	17	"	D	Shale 8; blue limestone 40. Water at 29.
Con I	"	M. Wright	"	Sept. 21	6	15	39	"	D	Shale 16; blue limestone 57. Water at 54.
Con I	"	C. Gowdy	"	Aug. 29	6	10	92	"	D	Clay 4; blue limestone 92. Water at 85.
Con I	"	S. Ackey	"	Sept. 12	6	20	45	"	D	Sand 6; blue limestone 98. Water at 90.
Con I	"	O. Gibson	"	Sept. 1	6	10	70	"	D	Blue limestone 70. Water at 65.
Con III	"	B. Davis	R.C. Wales	Nov. 14	6	15	4	"	D	Shale limestone 2; limestone 40. Water at 25.
Con V	"	C. Patterson	G.H. Chalk Jr.	May 6	6	10	36	"	S	Gravel 4; limestone 36. Water at 36.
Con V	"	E. Evans	J. Knox	Mar. 9	6	3	37	"	D	Gravel 5; limestone 37. Water at 37.
Con V	"	A. Huffman	C. Goodberry	Mar. 17	6	3	32	"	D	Blue clay 20; shale limestone 25; blue limestone 42. Water at 38.
Con V	"	"	Well Drilling	July 2	6	5	17	"	D	Top soil 1; clay 16; blue limestone 92. Water at 50.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>3</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LENNOX AND ADDINGTON COUNTIES - cont. Camden Twp.-cont.										
Con V lot 51	H. Herrington	W.H. Davy & Son	Nov. 4	6	20	25	11	Fresh	D,S	Clay 5; blue limestone 66. Water at 60.
Con VI " 42	J. Evans	"	Nov. 9	6	10	35	30	"	D	Sandy 10; blue limestone 92; red granite 97. Water at 92.
Con VII " 2	M. McCutcheon	T.A. Richmond	Oct. 9	6	103	30	103	"	S	Shale 3; hard grey limestone 103. Water at 45.
Con VII " 2	M. McCutcheon	"	Oct. 19	6	90	15	15	"	S	Shale 3; hard grey limestone 90. Water at 45.
Con VII " 43	G. Barth	J. Knox	Feb. 21	6	7	15	11	"	D	Earth 3; white limestone 21; red <del>spec</del> 30. Water at 22.
Con VIII " 37	A. King	C. Goodberry Well Drilling Ltd.	Aug. 14	6	30	32	27	"	D	Topsoil 1; clay 8; clay boulders 20; clay 23; blue limestone 55. Water at 37 and 49.
Con VIII " 37	J. Raycraft	W.H. Davy & Son	Sept. 16	6	8	68	38	"	S	Shale 13; blue limestone 58; grey granite 68. Water at 51.
Con VIII " 47	J. Kelly	J. Knox	Feb. 4	6	6	55	10	"	S	Earth 4; grey granite 55; red granite 65. Water from 28 to 55.
Con VIII " 49	L. Dowling	W.H. Davy & Son	Sept. 9	6	15	54	9	"	D	Shale 14; grey granite 57. Water at 54.
Denbigh Twp. lot 21	D.H.O.	C. Goodberry Well Drilling Ltd.	Dec. 10	6	2	170	9	Fresh	C	Sand boulders 21; hardpan 40; gravel 42; hardpan 65. gravel 67; clay 71; granite 107; limestone 171. Water at 129.
Ernestown Twp. lot 31	J. Lewis	R.C. Wales	Oct. 13	6	10	38	20	Fresh	D	Clay, sand and boulders 37; gravel 38. Water at 38.
Con I " 35	R. Knoff	"	May 18	6	32	32	24	"	D	Shale 15; limestone 89. Water at 32.
Con I " 35	F. Shelp	"	Aug. 8	6	15	40	40	Fresh	D	Clay 3; limestone 134. Dry hole.
Con I " 38	D. Little	"	Mar. 18	6	21	18	18	"	D	Clay 3; limestone 74. Water at 73.
Con II " 2	W.A. Smith	G.H. Chalk Sr.	June 6	6	5	97	11	"	D,S	Clay loam 5; limestone 45. Water at 38.
Con II " 9	M. Finn	W.H. Davy & Son	Aug. 22	6	5	97	11	"	D	Boulders and clay 16; blue limestone 97. Water at 90.
Con II " 28	C. Clyde	L. Campbell	May 19	6	1	24	12	"	D	loam hardpan 16; hard grey limestone 25. Water at 20.
Con III " 10	MacIntyre	W.H. Davy & Son	Dec. 17	6	1	29	4	"	D	Brown clay 2; blue limestone 65. Dry well.
Con III " 29	L. Pergus	J. Knox	Dec. 16	6	7	57	12	"	D	Earth 1; blue limestone 87. Dry hole.
Con III " 29	V. Hamilton	R.C. Wales	Dec. 17	6	2	5	3	Fresh	D	Shale 2; limestone 101. Dry hole.
Con III " 37	J. Knox	L. Campbell	May 30	6	1	28	10	"	D	Loam and clay 9; hard grey limestone 20. Water at 10.
Con III " 37	J. Knox	"	July 24	6	1	28	10	"	D	Redrilled soft shelly rock 27; hard grey limestone 29. Water at 23.
Con III " 40	F. Wilson	"	July 31	6	1	29	4	"	D	Topsoil 7; hard grey limestone 30. Water at 10.
Con III " 41	M. Martin	R.C. Wales	May 13	6	8	28	12	Sulphur	D	Clay 3; limestone 57. Water at 15.
Con IV " 4	P. Thompson	G.H. Chalk Jr. C. Goodberry Well Drilling Ltd.	May 16	6	8	42	42	Fresh	D	Clay 15; gravel 28. Water at 28.
Con IV " 14	R. Rae	R.C. Wales	June 14	6	20	42	42	"	D	Topsoil 1; clay 6; blue limestone 83. Water at 70.
Con IV " 27	R. Smith	"	June 2	6	8	32	5	"	D	Topsoil 2; hard grey limestone 40. Water at 35.
Con IV " 32	G. Walloughby	W.H. Davy & Son	Aug. 13	6	5	55	2	Fresh	D	Blue limestone 73. Dry hole.
Con IV " 32	G. Walloughby	"	Aug. 21	6	5	100	100	"	D	Bulldozed 4; limestone 40. Water at 28.
Con IV " 32	O. Babcock	"	Aug. 21	6	5	55	5	"	D	Loam fill 3; grey limestone 122. Dry hole.
Con IV " 32	R. Babcock	"	Sept. 8	6	1	36	10	"	D	Boulder, sand, gravel 37; blue limestone 55. Water at 50.
Con IV " 33	G. Snider	L. Campbell	July 13	6	2	38	12	"	D	Clay and boulders 27; blue limestone 100. Water at 33.
Con IV " 33	G. Snider	"	July 20	6	2	38	12	"	S	Blue limestone 55. Water at 50.
Con IV " 33	A. Heath	W.H. Davy & Son	Aug. 25	6	5	28	6	Fresh	D	Topsoil 2; hard grey limestone 40. Water at 35.
Con V " 1	I. Brodie	G.H. Chalk Sr.	July 28	6	25	90	7	"	D	Blue limestone 73. Dry hole.
Con V " 2	P. Crif	G.H. Chalk Jr.	July 21	6	1	60	5	"	D	Bulldozed 4; limestone 40. Water at 28.
Con V " 5	P. Stinson	W.H. Davy & Son	Oct. 12	6	1	60	5	"	D	Clay 5; limestone 90. Water at 42.
Con V " 21	Bethel Grum	L. Campbell	Aug. 15	6	1	54	25	Fresh	D	Clay 4; limestone 60. Water at 45.
										Clay 4; blue limestone 55. Dry hole.
										Topsoil 2; seamy rock 20; hard grey limestone 32; very hard grey limestone 52; soft grey limestone 56. Water from 32 to 53.



LENNOX AND ADDINGTON

COUNTIES - cont.

Ernestown Twp. - cont.

Con V

lot 32

G. Bos

L. Campbell

Aug. 8

6

1

44

17

Fresh

D

Topsoil 3;shelly limestone 27;hard grey limestone 45.

Water at 37.

Blue clay 44;blue limestone 75. Water at 61.

Loam 6;blue limestone 220. Dry well.

Shale loam 3;limestone 56. Water at 35.

Loam 3;shelly limestone 17. Water at 14 and 16.

Loam boulders 18;blue limestone 94. Water at 90.

Loam 1;blue limestone 75. Water at 51.

Sand 8;limestone 53. Water at 48.

Sand 2;granite 40. Water at 34.

Sand quicksand 38;grey granite 79. Water at 65.

Clay 17;limestone 69. Water at 65.

Clay gravel 10;limestone 65. Water at 60.

Clay 4;limestone 70. Dry hole.

Clay 4;hardpan gravel 30;limestone 68. Water at 56.

Clay 17;limestone 75. Water at 46.

Clay 16;limestone 72. Water at 70.

Hardpan boulders 32;gravel 94;limestone 65. Water at 48.

Hardpan boulders 13;limestone 80. Water at 66.

Limestone 268. Dry hole.

Clay 3;hardpan boulders 28;limestone 75. Water at 62.

Clay 2;hardpan 30;gravel 35;limestone 136. Water at 34 and 134.

Clay 2;hardpan 8;limestone 85. Water at 45.

Brown clay 18;limestone 51. Water at 35.

Clay 5;limestone 57. Water at 54.

Clay 4;limestone 22;red granite 27. Water at 22.

Clay 3;hardpan boulders 18;limestone 52. Water at 40.

Loam 2;shale rock 10;limestone 40. Water at 28.

Loam 4;shelly limestone 18. Water at 15.

Clay 4;limestone 248. Water at 247.

Clay 4;limestone 240;red granite 263. Dry hole.

Loam 7;soft grey limestone 27. Water at 22 and 26.

Loam 10;hard grey limestone 11;shelly limestone 18. Water at 12.

Loam 8;hard grey limestone 23. Water at 21.

Loam 8;hard grey limestone 23. Water at 21.

Loam 10;hard grey limestone 20;soft hard limestone 32. Water at 30.

Loam 7;shelly limestone 19. Water at 14.

Loam 19;shelly limestone 21. Water at 17.

Clay 10;limestone 112. Dry hole.

Clay 4;limestone 70. Water at 40.

Clay 8;hardpan 25;gravel 27;limestone 75. Water at 25 and 65.

Con V

lot 32

G. Bos

L. Campbell

Aug. 8

6

1

44

17

Fresh

D

Topsoil 3;shelly limestone 27;hard grey limestone 45.

Water at 37.

Blue clay 44;blue limestone 75. Water at 61.

Loam 6;blue limestone 220. Dry well.

Shale loam 3;limestone 56. Water at 35.

Loam 3;shelly limestone 17. Water at 14 and 16.

Loam boulders 18;blue limestone 94. Water at 90.

Loam 1;blue limestone 75. Water at 51.

Sand 8;limestone 53. Water at 48.

Sand 2;granite 40. Water at 34.

Sand quicksand 38;grey granite 79. Water at 65.

Clay 17;limestone 69. Water at 65.

Clay gravel 10;limestone 65. Water at 60.

Clay 4;limestone 70. Dry hole.

Clay 4;hardpan gravel 30;limestone 68. Water at 56.

Clay 17;limestone 75. Water at 46.

Clay 16;limestone 72. Water at 70.

Hardpan boulders 32;gravel 94;limestone 65. Water at 48.

Hardpan boulders 13;limestone 80. Water at 66.

Limestone 268. Dry hole.

Clay 3;hardpan boulders 28;limestone 75. Water at 62.

Clay 2;hardpan 30;gravel 35;limestone 136. Water at 34 and 134.

Clay 2;hardpan 8;limestone 85. Water at 45.

Brown clay 18;limestone 51. Water at 35.

Clay 5;limestone 57. Water at 54.

Clay 4;limestone 22;red granite 27. Water at 22.

Clay 3;hardpan boulders 18;limestone 52. Water at 40.

Loam 2;shale rock 10;limestone 40. Water at 28.

Loam 4;shelly limestone 18. Water at 15.

Clay 4;limestone 248. Water at 247.

Clay 4;limestone 240;red granite 263. Dry hole.

Loam 7;soft grey limestone 27. Water at 22 and 26.

Loam 10;hard grey limestone 11;shelly limestone 18. Water at 12.

Loam 8;hard grey limestone 23. Water at 21.

Loam 8;hard grey limestone 23. Water at 21.

Loam 10;hard grey limestone 20;soft hard limestone 32. Water at 30.

Loam 7;shelly limestone 19. Water at 14.

Loam 19;shelly limestone 21. Water at 17.

Clay 10;limestone 112. Dry hole.

Clay 4;limestone 70. Water at 40.

Clay 8;hardpan 25;gravel 27;limestone 75. Water at 25 and 65.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LENNOX AND ADDINGTON COUNTIES - cont. North Fredericksburgh Twp. - cont. Con VII lot 18	Napanee Golf & Country Club	G.H. Chalk Sr.	Oct. 3	6	13	35	20	Fresh	P	Clay 5;hardpan 30;gravel 33;clay 38;limestone 65. Water at 32.
Con IV Add	T. Josling	"	June 21	6	2	75	40	"	D	Soil 2;shaley limestone 10;limestone 75. Water at 60.
Con V Add	E. Howell	G.H. Chalk Jr.	Aug. 6	6	1	64	12	Sulphur	D	Limestone 64. Water at 30.
Con V Add	E. Hamby	G.H. Chalk Sr.	Dec. 21	6	11	19	8	Fresh	S	Clay 2;sand 1;gravel 12;limestone 39. Water at 28.
Con V Add	J. Martin	G.H. Chalk Jr.	Aug. 14	6	6	77	20	Fresh	D	Limestone 122. Dry hole.
Con V Add	"	"	Aug. 21	6	6	77	20	Fresh	D	Clay 4;limestone 72. Dry hole.
Con V Add	R. Redden	"	May 29	6	6	77	20	Fresh	D	Limestone 77. Water at 50.
Richmond Twp. Con I lot 2	Town of Deseronto	G.H. Chalk Jr.	Dec. 10	8	60	22	18	Fresh	T	Clay loam 30;coarse gravel 45. Water from 35 to 45.
Con I " 2	"	"	Dec. 17	6	30	94	12	"	T	Clay loam 37;quicksand 45;sand fine gravel 53;gravel 57;limestone 94. Water from 53 to 57 and 85.
Con I " 17	W. Hogeboom	L. Campbell	Dec. 10	6	2	54	20	"	D	Loam 4;quicksand 16;hard grey limestone 30;soft grey limestone 55. Water at 48.
Con I " 18	R. Lucas	G.H. Chalk Jr.	Apr. 17	6	25	55	40	"	D	Clay sand gravel 34;limestone 64. Water at 60.
Con II " 7	V. Hart	"	Sept. 12	6	6	100	14	Fresh	S	Clay 4;limestone 89. Dry hole.
Con II " 8	E. McTaggart	"	Sept. 18	6	6	117	10	"	S	Clay 5;limestone 139. Dry hole.
Con II " 8	M. Hart	"	Dec. 22	6	2	50	3	"	S	Clay 2;limestone 87. Dry hole.
Con II " 14	C. Waite	"	Jan. 28	6	6	50	3	"	S	Gravel sand boulders 22;limestone 117. Water at 35.
Con II " 25	J. McGregor	"	Apr. 25	6	5	75	20	"	D	Sand 2;limestone 50. Water at 30.
Con IV " 15	C. Pringle	"	Nov. 14	6	20	15	8	Fresh	D	Clay gravel 10;limestone 118. Dry hole.
Con IV " 23	G. Robinson	G.H. Chalk Sr.	Apr. 15	6	20	52	10	"	N	Sandy loam 5;limestone 32. Water at 22.
Con V " 21	K. McCracken	L. Campbell	Dec. 16	7	2	54	15	"	S	Loam 10;coarse sand 11 shelly rock 12; hard grey limestone 56. Water at 12 and 45.
Con V " 21	"	"	Dec. 23	7	1	54	15	"	S	Loam 8;shelly rock 20;hard grey limestone 40;soft grey limestone 55. Water at 40.
Con V " 22	A. Collings	G.H. Chalk Jr.	Oct. 28	6	2	60	10	Sulphur	D	Clay 19;limestone 60. Water at 57.
Con VII " 14	P. McFarland	"	Sept. 3	6	25	75	20	Fresh	D	Clay 5;limestone 75. Water at 69.
Con VII " 2	H. Mastin	"	July 27	6	5	70	30	"	D	Limestone 70. Water at 68.
Con IX " 13	W. Dafoe	T.A. Richmond	Dec. 16	6	6	30	5	Sulphur	S	Clay loam 1;hard grey limestone 72;clay 73;hard grey limestone 115. Dry hole.
Con IX " 20	T.E. Richmond	"	Sept. 18	6	3	30	18	Fresh	D	Hardpan 15;hard grey limestone 74. Water at 68.
Con IX " 20	B. Woods	"	Oct. 23	6	3	35	30	"	D	Hardpan 12;hard grey limestone 55;hard white limestone 58; water at 48.
Con IX " 20	P. Martin	"	Nov. 10	6	1	52	30	"	D	Loam 6;hard grey limestone 30;soft brown limestone 33; hard grey limestone 52. Water at 30.
Con IX " 22	P. Gula	"	Oct. 29	6	5	55	14	"	D	Loam 6;hard grey limestone 70. Water at 45 and 62.
Con X " 17	H. Woodcock	G.H. Chalk Sr.	Apr. 21	6	6	71	15	Fresh	D	Limestone 55. Dry hole.
Sheffield Twp. Con III lot 1	A. May	G.H. Chalk Jr.	Nov. 3	6	6	90	22	"	D	Clay gravel boulders 18;limestone 62;red granite 71; water at 62.
Con III " 7	H. Payne	W.H. Davy & Son	Dec. 24	6	6	74	26	"	D	Sand boulders 11;black grey granite 90. Water at 45 and 82.
Con VI " 5	H. Johnston	J. Knox	Aug. 28	6	3	79	14	"	D	Blue clay 27;blue limestone 74. Water at 60.
Con VII " 5	H. Lott	C. Goodberry Well Drilling Ltd.	Aug. 6	7	1	79	14	"	D	Clay 11;gravel boulders 21;clay 25;limestone 39;granite 80. Water at 39.

LENNOX AND ADDINGTON

COUNTIES - cont.

South Fredericksburgh

Lennox and Addington Counties - cont. South Fredericksburgh	Twps.	Con I	lot 10	J. Grant	R.C. Wales	Sept. 5	6	2	73½	20	Fresh	D	Clay sand boulders 10;limestone 73½;water at 50.
		Con I	" 10	Y. Ryer	"	Sept. 20	6	2	72½	17	Sulphur	D	Clay sand boulders 13;limestone 148. Dry hole.
		Con I	" 10	"	"	Sept. 28	6	14	45	18	Fresh	D	Clay sand boulders 11;limestone 72½. Water at 48.
		Con I	" 15	A. Willis	G.H. Chalk Sr.	May 20	6	2	95	6	Fresh	D	Sandy loam 5;limestone 60. Water at 43.
		Con I	" 17	G. McCracken	G.H. Chalk Jr.	Jan. 20	6	2	95	6	Fresh	D	Clay 3;limestone 106. Dry hole.
		Con II	" 3	D. Wagner	G.H. Chalk Sr.	Feb. 3	6	6	8	8	Sulphur	S	Clay 3;limestone 95. Water at 86.
		Con II	" 3	M. Vankoughnent	"	Sept. 23	6	5	8	8	Sulphur	S	Hardpan 6;limestone 80. Dry hole.
		Con III	" 15	H. Huff	"	Mar. 6	6	5	8	8	Sulphur	S	Clay 5;hardpan boulders 16;gravel 17;limestone 145. Dry hole.
		Con III	" 21	A. Roy	C. Goodberry	June 14	6	5	8	8	Sulphur	S	Clay 5;hardpan 16;limestone 45. Water at 36.
		Con II	Add " 3	"	Well Drilling	Oct. 23	6	5	8	8	Sulphur	S	Sand 10;limestone 165. Dry hole.
Lincoln County	Gailest Twp.	Con I	lot 16	J. Goit	S.W. Merritt	Mar. 21	6	16	30	17	Fresh	S	Clay 45;shale 47. Water at 47.
		Con III	" 18	R. Belhna	W. Packham	Dec. 1	5	5	45	31	Fresh	S	Grey clay 56;fine gravel 58;limestone 62. Water at 60.
		Con III	" 18	J. Hubiak	"	Aug. 21	7	20	35	27	"	D	Grey clay 40;sand gravel 45;gravel 50. Water at 50.
		Con IV	" 6	B. Davidson	P. Merritt	Jan. 17	6	2	80	30	"	D	Clay 70;boulders gravel 83;limestone 93. Water from 83 to 85.
		Con IV	" 10	E. Ewald	P. Merritt	Feb. 28	6	2	115	50	Sulphur	D	Clay 88;limestone 115. Water at 105 and 108.
		Con IV	" 16	R. Travis	P. Merritt	July 9	5	10	45	28	Fresh	D	Clay 89;limestone 92. Water at 92.
		Con V	" 8	R. Strong	S.W. Merritt	Oct. 8	5	14	60	35	"	D	Clay 75;gravel boulders 78;limestone 88. Water at 88.
		Con V	" 11	G. Aston	"	Mar. 4	5	16	40	32	"	D,S	Clay 65;boulders gravel 84;limestone 87. Water at 87.
		Con VI	" 8	N.N. Atkinson	"	Mar. 16	5	12	28	25	"	D	Clay 72;gravel clay 78;limestone 84. Water at 84.
		Clinton Twp.	lot 10	W. Thompson	W.L. Field & Son	Aug. 24	6	2	40	8	Salty	D	Blue clay 20;red clay 40;red shale 45. Water at 42.
Clinton Twp.	BF	BF	" 15	P. Maurer	"	Oct. 2	6	1	40	18	"	D	Brown sand 6;clay stones 20;red clay gravel 30;red shale 45. Water at 38.
		BF	" 20	T.J. Eddy	"	Nov. 3	6	6	60	30	Fresh	D	Brown loam 18;blue clay 40;clay gravel 50;red shale 72.
		Con II	" 12	M. Harris	P. Merritt	June 8	8	6	27	4	"	D	Water at 40 and 72. Water at 18.
		Con III	" 13	M. Juklie	S.W. Merritt	Feb. 2	6	16	8	3	"	D	Clay 14;red shale 27. Water at 18.
		Con IV	" 9	J. Scott	W.L. Field & Son	Sept. 25	6	1	80	48	"	D	Clay 10;red shale 20. Water at 15.
		Con IV	" 23	L. Strobel	"	July 10	6	30	15	2	"	P	Brown clay 5;blue clay 50;red clay stones 64;red shale 90.
		Con V	" 4	G.C. Trastad	"	June 24	6	1	16	14	"	P	Brown clay 2;limestone 36. Water at 30.
		Con V	" 21	V. Castad	S.W. Merritt	Apr. 17	6	16	16	14	"	D	Blue clay 80;sand rock 90;shale gravel 110. Water at 90.
		Con VI	" 1	Vineyard	W.L. Field & Son	Sept. 2	6	16	16	30	Salty	D	Clay 10;limestone 41. Water at 41.
		Con VII	" 18	Quarries Ltd.	"	Sept. 2	6	16	16	30	Salty	D	Fill 10;blue clay 50;white limestone 60. Water at 60.
Gairnsborough Twp.	Con	Con VII	" 19	S. Zubak	S.W. Merritt	July 27	6	10	35	28	Fresh	D	Clay boulders 19;limestone 47. Water at 47.
		Con VII	" 19	I. Jesin	"	May 15	5	14	15	15	"	S	Clay 11;limestone 30. Water at 30.
		Con VII	" 21	J. Melns	"	Oct. 29	5	4	55	24	"	S	Clay 18;limestone 81. Water from 45 to 60.
		Con IX	" 2	R. Martin	"	Feb. 4	2	14	20	36	"	S	Dug 18;limestone 36. Water at 36.
		Con IX	" 4	C. Rutledge	"	Oct. 20	2	14	45	30	"	S	Dug 21;clay 43;limestone 63. Water at 63.
		Con IX	" 16	Spring Creek School	P. Merritt	June 29	2	10	20	15	"	P	Clay 24;limestone 42. Water at 40.
		Con X	" 1	G. Comfort	S.W. Merritt	Sept. 16	5	14	40	35	"	D	Clay 40;limestone 57. Water at 57.
		Con II	lot 13	W. Shearda	W.L. Field & Son	Aug. 19	6	10	50	24	Sulphur	S	Blue clay 60;soft clay 90;clay gravel 100;limestone 105. Water at 102.
		Con III	" 23	Stoney Creek Dairy Farms Ltd	"	Apr. 8	6	40	60	22	Fresh	D,S	Brown clay 5;blue clay 50;red clay 108;gravel stones 110; limestone 120;limestone 125. Water at 120.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
LINCOLN COUNTY - cont. Gainsborough Twp. cont.										
Con VI lot 27	A. Gliklik	S.W. Merritt	Sept. 18	5	16	28	28	Fresh	D,S	Clay quikksand 115; limestone 116. Water at 116.
Con VI " 23	J. Belkot	"	Sept. 8	5	6	35	28	"	S	Clay 18; limestone 52. Water at 52.
Con VI " 26	J. Weise	F. Merritt	May 28	5	10	25	20	"	D,S	Clay 35; limestone 35. Water from 32 to 35.
Con VI " 26	O. Hofman	"	Oct. 16	6	10	20	15	Sulphur	D	Clay 30; limestone 42. Water at 42.
Con VI " 30	Ray's Lumber	S.W. Merritt	May 8	5	14	17	17	Fresh	D,S	Clay 14; limestone 30. Water at 30.
Con VI " 32	J. Namech	"	Jan. 15	6	16	25	20	"	D	Clay 18; gravel boulders 22; limestone 38. Water at 38.
Con VI " 32	"	"	Feb. 2	6	16	25	25	"	D	Clay 22; limestone 45. Water at 45.
Con VI " 33	H. Popeylshyn	F. Merritt	June 22	6	10	30	25	"	D,S	Clay 40; limestone 42. Water from 40 to 42.
Louth Twp.										
BF lot 6	F. Schinkel	W.A. Lounsbury & Sons	Jan. 3	6	8	80	24	Fresh	D	Hard clay 18; soft blue clay 53; hardpan 63; red medina shale 85. Water at 78.
BF " 6	J. Stein	"	July 15	7	3	65	25	"	D	Sandy loam 20; blue clay 55; hardpan 63; red medina rock 75. Water at 68.
BF " 6	A.W. Taylor	"	July 23	7	2	70	45	Sulphur	D	Sandy loam 20; sandy blue clay 40; blue clay 55; hardpan 63; red medina rock 75. Water at 68.
BF " 6	F. Barnfield	"	Feb. 26	6	1	115	44	Fresh	D	Sand 8; sandy clay 38; blue clay 92; red hardpan 102; red medina shale 115. Water at 110.
BF " 11	S. Wiszniewski	"	Mar. 5	6	20	66	50	"	D	Sandy clay 16; blue clay 83; hard stony clay 87; coarse gravel 90. Water at 87.
BF " 11	H.E. Bedwell	"	Mar. 18	6	2	90	48	"	D	Sandy loam 20; blue clay 90; fine sand 103; fine sand gravel 104; red medina rock 110. Water at 104.
BF " 19	Beacon Motel	"	Apr. 22	8	40	35	10	"	P	Hard clay 16; stones clay 19; soft clay 34; stones 37.
Con II " 2	F. Roadnight	"	May 4	6	4	90	35	"	D	Sandy clay 51; sand gravel 57; coarse gravel 64. Water at 51.
Con II " 3	T. Hayward	"	May 7	7	35	27	18	"	D	Sandy topsoil 5; hard clay 16; soft blue clay 68; sandy clay 92; hardpan 97; red hardpan 104; red shale 108. Water at 104.
Con II " 3	J. Vahatra	"	July 24	7	35	45	14	"	D	Sand gravel 8; soft clay 64; sandy clay 84; coarse gravel 88. Water at 84.
Con II " 18	R. Stevenson	W.L. Field & Son	July 17	6	3	70	35	"	D	Soft clay 66; sandy clay 76; fine sand 94; coarse gravel 99. Water at 94.
Con III " 2	H.T. Witte	W.A. Lounsbury & Sons	Aug. 21	7	5	114	34	Salt	D	Brown sandy loam 8; dark sand gravel 13; blue clay 90; sand gravel 105; red shale 117. Water at 105.
Con III " 4	E. Boyt	"	Oct. 9	6					D,S	Hard clay 21; soft blue clay 88; sandy clay 108; hardpan 112; red shale 114. Water at 112.
Con III " 7	W. Gandza	"	Sept. 7	6	4	80	14	Fresh	D	Hard blue clay 40; soft blue clay 70; clay sand 75; sand gravel 83. Water at 82.
Con IV " 20	E. Kozak	"	Sept. 2	8	10	40	10	Salty	D	Brown sand 6; blue clay 50; gravel stones 60; red clay stones 85; red shale 100. Water at 85.
Con V " 5	D. McClelland	W.A. Lounsbury & Sons	Aug. 8	7	3	80	25	"	D	Boulders clay 15; fine sand 20; red clay 30; red shale 68. Water at 68.
Con V " 5	"	"	Aug. 13	7	5	80	29	Fresh	D	Hard brown clay 20; blue clay 103; grey sand 112; blue clay 125; sandy red clay 130; blue clay 140; fine red sand 146; red medina rock 150. Water at 150.
Con V " 9	J. Barnes	"	Oct. 31	7	2	120	57	"	D	Hard brown clay 20; blue clay 120; sandy red clay 130; blue clay 140; fine grey sand 145; red medina. Water at 145.
Con VI " 2	H. Lalles	"	Aug. 5	7	9	87	47	"	D,S	Hard clay 19; soft blue clay 129; red hardpan 135; red shale 145. Water at 135.
Con VIII " 2	E. Wormsely	"	July 7	7	25	87	57	"	D	Hard clay 18; soft blue clay 180; coarse gravel 188; red hardpan 199; red shale 201. Water at 188.
										Hard clay 16; soft blue clay 118; sand gravel 140; coarse gravel 145. Water at 118.

## LINCOLN COUNTY - cont.

Niegars - cont. Con I	lot 1	C.H. Rathbone	W.A. Lounsbury & Sons	Sept. 24	7	20	65	18	Fresh	D	Red sand 8; hard clay 17; soft clay 34; red hardpan 43; red shale 65. Water at 60.
Con I	" 3	M. Hollea	W.L. Field & Son	May 14	6	3		18	"	D	Sandy loam 10; blue clay 30; blue clay gravel 40; gravel 44; red shale 75. Water from 40 to 44.
Con I	" 4	M. Abrahamse	W.A. Lounsbury & Sons	Oct. 22	7	1	69	23	"	D	Cisvern 20; blue clay 45; hardpan 51; red medina 80. Water at 75.
Con I	" 5	H. Budney	S.W. Merritt	May 21	5	2	56	30	"	D	Black loam 3; sandy loam 16; blue clay small stones 26; blue clay 41; hardpan 47; red medina 60. Water at 47.
Con I	" 8	W. Willis	W.A. Lounsbury & Sons	May 24	6	2	55	10	"	In	Hard brown clay 16; blue clay 24; sand stones 32; hardpan 38; red medina 62. Water at 58.
Con II	" 3	D. Bruce	"	May 12	6	3	60	12	"	D	Red sand loam 5; hard clay 17; soft clay 34; red hardpan 41; red shale 61. Water from 41 to 61.
Con II	" 3	J. Odaritsch	"	June 22	7	9	61	10	"	D	Loam fill 3; blue clay 18; fine grey sand 22; blue clay 55; red sand 61; red medina 80. Water at 76.
Con II	" 6	A. Juras	"	Nov. 12	7	1	70	13	"	D	Loam fill 4; blue clay 35; sandy blue clay 58; red sand 63; red medina 98. Water at 98.
Con II	" 6	"	"	Nov. 16	7		62	62	Salt	D	Gravel 40; quicksand 60; gravel 80; rock 125. Water at 125.
Con III	" 5	C.M. Kuzee	Allard Bros.	Oct. 20	2	2	10	10	Fresh	D	Dark sandy loam 2; brown clay 20; blue clay 40; clay gravel 60; red clay gravel 78; red shale 87. Water at 80.
Con III	" 9	H. VanEdmond	W.L. Field & Son	Nov. 13	6	3	60	13	"	D,S	Dark sandy loam 2; brown clay 20; blue clay 40; clay gravel 60; red clay 80; red shale 90. Water at 86.
Con III	" 9	G. VanEdmond	"	Nov. 27	6	5	50	12	Salty	D,S	Grey clay 65; gravel clay 75; sand gravel 90. Water from 75 to 90.
Con IV	" 6	E. Kinch	"	May 11	7	20	40	16	Fresh	D	Hard clay 22; soft blue clay 77; sand gravel 82; coarse gravel 84. Water at 77.
Con VI	" 2	W. Goertzen	W.A. Lounsbury & Sons	Sept. 4	7	24	72	18	"	D	Sandy loam 4; blue clay 25; fine red sand 53; red medina 66. Water at 53.
" 41	" 41	G. Vyse	"	Sept. 8	7	1	60	2	"	D	Clay 22; sand 28; gravel sand 43; fine gravel 50. Water at 50.
" 42	" 42	R.J. Toman	L. Hallborg	Nov. 5	6	10	18	9	"	N	Topsoil 1; brown clay 14; grey rock 29; red shale 100. Water from 85 to 95.
" 43	" 43	H.G. Agur	W. Winger & Son	June 1	6	12	66	40	Mineral	N	Topsoil 1; sandy clay 12; shale 18; dark rock 26; white sand-stone 38. Water at 33.
" 44	" 44	H. Layton	"	Mar. 29	6	8	21	16	Fresh	D	Clay 17; red medina 22; grey shale 34; white medina 44; red shale 50. Water at 36.
" 44	" 44	C. Wilson	L. Hallborg	June 11	5	6	24	15	"	D	Clay 15; red medina 20; grey shale 28; white medina 40. Water at 40.
" 44	" 44	B. Ptasniak	"	July 25	5	1	30	16	"	D	Clay 19; red medina 39; red shale 43. Water at 43.
" 50	" 50	R.B. Walk	"	Nov. 2	6	4	32	20	"	D	Sandy loam 6; blue clay 62; red sand 78; coarse gravel sand 78; fine red sand 103; red medina 103. Water at 78.
" 56	" 56	S. Ingram	W.A. Lounsbury & Sons	Aug. 26	7	1	100	8	"	D	Sandy loam 3; blue clay 25; stoney blue clay 42; coarse gravel 45. Water at 42.
" 68	" 68	G. O'Donoghue	"	Sept. 18	7	5	30	10	"	T	Top soil 6; brown clay 15; blue clay 45; sandy clay 55; gravel 45. Water at 42.
" 88	" 88	Canadian Cannery	International Water Supply Ltd.	June 30	10				2-59	T	Top soil 6; brown clay 15; blue clay 45; sandy clay 50; red silt sand 100; red shale 110.
" 88	" 88	"	"	July 6	10				1-59	T	Top soil 1; brown clay 4; fine sand clay 10; brown blue clay 15; blue soft clay 55; blue hard clay 73; silty sand clay 104; fine gravel boulders 106; boulders red shale 107; bedrock red shale 116. Water at 104.
" 89	" 89	"	"	July 6	2	30	19	1 1/2	"	3-59	Brown clay 4; sand 6; soft brown clay 14; soft blue clay 57; silty sand 65; sandy blue clay 104; clay sand gravel 107; fine gravel sand boulders 113; red shale 116.
" 89	" 89	"	"	July 7	2				4-59	T	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Niagara Twp. lot 89	Canadian Canners	International Water Supply Ltd.	July 9	2					T 5-59	Sandy brown clay 5; brown clay 21; soft grey clay 48; hard sandy clay 64; fine sand silt 99; fine sand gravel 102; red shale 108.
" 89	"	"	July 15	2					T 6-59	Top soil 11; brown clay muck 5; brown clay 10; soft brown blue clay 15; soft blue clay 54; hard blue clay 74; sandy clay 98; sandy clay gravel 101; fine gravel sand boulders 103; cemented sand gravel 104; fine gravel sand boulders 107; cemented sand gravel 110; bedrock red shale 113.
" 89	"	"	July 17	2					T 7-59	Fill 5; fine sand gravel 9; brown clay 16; soft blue clay 54; sandy hard red clay 64; fine red grey sand 101; fine sand gravel 105; sand gravel 112; sand boulders gravel 114; bedrock red shale 117.
" 91	M. Glockner	W.A. Lounsbury & Sons	Nov. 14	7	30	78	45	Fresh	In	Red sand 14; blue clay 68; red sand 130; coarse gravel 132. Water at 130.
" 108	M. Yack	"	Nov. 27	7	25	72	14	"	D	Hard clay 16; soft clay 64; sandy clay 79; coarse gravel 85. Water at 79.
" 118	E.R. Dyck	W.L. Field & Son	Dec. 11	6	3	55	13	"	D, S	Brown sand 2; blue clay 10; blue sandy clay 20; blue clay 35; blue clay gravel 55; red shale 65. Water at 60.
" 185	J. Kaminski	W.A. Lounsbury & Sons	May 23	7	2	65	23	"	D	Blue clay 35; hardpan 50; red medina 66. Water at 58.
MR	J. Froese	"	June 17	7	1	80	10	"	N	Hard brown clay 3; sandy loam 20; sandy blue clay 33; gravel stones 35; red sand 45; red medina 80. Water at 45.
North Grimsby Twp. Con I lot 13	D. Awdie	W.L. Field & Son	Aug. 17	8	60	50	14	Fresh	Ir	Brown clay 3; red clay 15; red shale 60. Water at 50.
Con II "	R. Connley	E. Constable	July 6	6	2	32	5	"	D	Topsoil 1; brown clay 11; limestone 35. Water at 32.
Con III "	R. Merritt	S.W. Merritt	July 31	6	1	32	12	"	D	Clay 1; limestone 32. Water at 24 and 32.
Con IV "	R. Baver	F. Merritt	Oct. 22	8	8	20	16	"	D	Clay 24; limestone 33. Water from 30 to 33.
Con V "	R. Zamora	W.L. Field & Son	Apr. 15	8	2	48	18	"	D, S	Brown clay 6; loose stone 13; limestone 50. Water at 46.
Con VI "	E. Crosby	E. Constable	July 4	6	1	47	5	"	D	Topsoil 1; brown clay 4; limestone 47. Water at 32.
Con VII "	R. Vondorsten	F. Merritt	Dec. 5	6	1	20	20	"	D	Clay 11; limestone 48. Water from 46 to 48.
Con VIII "	W. Hindman	S.W. Merritt	Aug. 9	8	1	106	75	Sulphur	D	Clay 38; limestone 106. Water at 90 and 106.
Con IX "	I.R. Alkens	W.L. Field & Son	Jan. 20	6	40	20	6	Fresh	D, S	Clay 4; loose stone 8; limestone 38. Water at 32.
Con X "	A. Cizek	S.W. Merritt	Aug. 2	6	10	22	16	Sulphur	D	Clay 10; limestone 31. Water at 31.
Con XI "	O. Etherington	R. Merritt	June 28	6	10	12	8	Fresh	D, S	Clay 20; limestone 21. Water at 21.
Con XII "	Sheildon R.V. Co.	G.J. Wallis	Apr. 20	6	18	40	18	Sulphur	D	Light brown soil 2; grey clay 38; medium gravel 50; limestone Water at 50.
Con XIII "	W. Yorkstone	W. Scriven	Aug. 18	6	15	20	20	Fresh	D	Brown clay 15; blue clay 50; coarse gravel 52. Water at 52.
Con XIV "	R. Durham	W.L. Field & Son	Apr. 30	6	8	40	12	"	D, S	Blue clay 5; brown loam stones 9; white limestone 38; grey limestone 50. Water at 40.
South Grimsby Twp. Con VII lot 5	W. Pedorskin	S.W. Merritt	Sept. 28	5	14	26	20	Fresh	D	Clay 8; limestone 37. Water at 26 and 37.
Con VIII "	S. Salowsky	"	Sept. 23	5	8	18	18	"	D	Clay 8; limestone 47. Water at 47.
Con IX "	F. Duck	"	Oct. 22	5	12	26	16	"	D	Clay 3; limestone 41. Water at 41.
Con X "	"	"	Mar. 20	6	10	22	20	"	D	Clay boulders 28; limestone 34. Water at 34.
Con XI "	W. Ramage	"	Feb. 2	6	10	24	24	"	D	Clay 21; limestone 37. Water at 37.
Con XII "	G. Grunwald	"	Mar. 25	6	16	28	22	"	D	Clay 2; shale 26; limestone 42. Water from 35 to 42.
Con XIII "	D. Ebsary	F. Merritt	Apr. 17	5	10	28	25	"	D	Clay 27; limestone 35. Water from 32 to 35.



## LINCOLN COUNTY - cont.

	Mar. 23 Nov. 14	6 6	12 16	28 28	20 20	Fresh "	S
South Grimsby Twp. cont.							
Con VIII lot 22 J. Stablewski							
Con VIII " 28 F. Madorski							
Con VIII " 33 Fulton Feed Mill							
Con IX " 8 P. Slusarenko	Oct. 4	6	16	22	22	"	In
Con IX " 15 A. Ecker	Apr. 2	6	10	32	30	"	D
Con IX " 27 P. Madarski	Mar. 28	6	13	32	30	"	D
Con IX " 37 R. Thomas	Sept. 24	6	16	10	8	"	D
	Mar. 3	6	5	26	14	"	D
MANITOULIN DISTRICT							
Assiginack Twp.							
Con I lot 38 B. MacDonald	Oct. 26	4	4½	40	10	Fresh	D
Con I " 38 B. MacDonald	Nov. 14	4	1	25	6	"	D
Con I " 38 D. Wright	Dec. 20	4	1	22	1	"	D
Con I " 39 G. Maguire	Oct. 10	4	4½	15	5	"	D
Bidwell Twp.							
Con I lot 30 B. Field	Oct. 2	4	10	71	24	Fresh	D
Carnarvon Twp.							
Con II lot 22 T. Parquet	Aug. 6	4	10	50	15	Fresh	D
Con V " 21 C. Colwell	June 30	4	5	122	40	"	C
Con V " 22 H. Cooper	July 29	4	5	135	40	"	D
Howland Twp.							
Con XI lot 20 N. Shippin	July 17	5	5	67	18	Sulphur	D
Con XII " 21 Howland School Area	Oct. 2	5	6	54	15	"	D
Robinson Twp.							
Con VIII lot 22 J.C. Edmonds	Sept. 24	4	6	133	53	Fresh	S
Con XII " 25 B. Duncanson	Sept. 15	4	5	36	7	Sulphur	D
Tekumseh Twp.							
Con A lot 13 V. Byrant	Nov. 6	4	6	75	16	Fresh	D
Con III " 10 F. Vannorne	Oct. 14	4	6	75	12	"	D
SBMTF " G. Britten	Oct. 22	4	6	30	15	"	D
SBMTF " A. Mackenzie	Oct. 31	4	6	18	16	"	D
MIDDLESEX COUNTY							
Adelaide Twp.							
ERN Con I lot 30 J. Cross	May 20	2	10	28	28	Fresh	D,S
ERN Con II " 9 Strybosch Bros.	July 24	4	1½	40	26	"	N
ERN Con II " 9 "	July 30	4					
ERN Con II " 16 F. Feke	Aug. 26	4	12	30	12	Fresh	D,S
ERN Con II " 29 R.J. Stanley	Apr. 17	2	7	70	70	"	D
ERS Con I " 15 Adelaide Twp. School Area	Mar. 2	6	11	57	37	"	P

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Adelaide Twp. - cont.										
ERS Con III lot 22.	G. Harnett	Dolphin & Earl	Jan. 14	4	3	19	19	Fresh	D	Sand 27; Water at 24.
ERS Con III " 22	R.H. Williams	"	Jan. 29	4	4	23	17½	"	D	Sand 26½; Grey sand 26½. Water at 24½.
ERS Con III " 22	M.C. Ferguson	"	Feb. 27	4	2½	13	9	"	D	Clay 4½; Grey coarse sand 4½. Water from 42 to 44.
ERS Con IV " 6	R. Collins	S. Earl	June 1	4	8	50	42	Sulphur	D	Grey clay 15; Grey shale 142. Dry hole.
ERS Con IV " 6	G. Phillips	W. Dale	June 3	4	5	63	44	Sulphur	D	Grey clay 127; Grey shale 135. Water at 135.
Alisa Craig	G. McFalls	C. & H. Kerr	Sept. 10	4	1	112	35	Fresh	S	Gravel 13; sandy clay 18; blue clay 72; clay gravel 79; black shale 89; Grey shale 90. Water from 69 to 96.
Biddulph Twp.										
Con II lot 5	G. Elliott	J.H. Weaver & Son	Sept. 17	1	8	115	12	Fresh	S	Brown clay 18; blue clay 40; marl 44; blue clay 72; grey limestone 116. Water at 114.
Con II lot 7	J. Stienier	R. Smith	Apr. 15	2	4	14	30	"	D,S	Open well 20; brown quicksand 35. Water at 12.
Con IV " 10	J. Jaroschewicz	Dolphin & Earl	Apr. 17	4	2½	11	9	"	D	Sand 40; sand clay 90; fine sand 115. Water at 90.
Con IX " 6	C. Wright	"	Apr. 11	4	3	20	12	"	D,S	Red sand 2½; fine grey sand 32. Water from 25 to 32.
Con IX " 2	G. Caruthers	"	Aug. 22	4	3	120	20	"	D,S	Red sand 5; fine grey sand 15; medium coarse sand 18. Water from 15 to 18.
LRS RI " 13	L. McCall	J.H. Weaver & Son	Sept. 5	1	4	14	14	"	D	Sand 48; clay 48. Water from 18 to 27.
Delaware Twp.										
BF lot C	H. Richards	S. Earl	Feb. 28	4	12	49	49	Fresh	D	Red clay 10; blue clay 137; quicksand 156; top rock 158. Water at 157.
BF " D	F. Ball	"	May 15	4	8	52	52	"	D	Brick open well 15; brown putty sand 30; fine blue quicksand 33. Water at 14.
Con C " 19	R. Antone	H.T. Siegrist	Oct. 14	5	4	70	40	"	D	Clay 36; hardpan 50; coarse sand 55; gravel 66. Water from 55 to 66.
Con D " 4	D. Seabrook	I.T. Lounsbury	July 13	5	3½	130	55	"	D	Clay 15; sand 30; clay 52; sand 57; gravel 66. Water at 57 and 66.
Con D " 4	"	"	July 29	5	6	75	51	"	D	Clay 140; sand 140½; clay 219½; sand gravel 220. Water at 220.
Con II " 15	S. Stanek	W. Dale	Jan. 30	4	3	130	55	"	D	Brown sand 85; blue clay 120; hardpan 165; grey shale 220. Dry hole.
Con III " 18	R. Parsons	"	Dec. 1	5	6	75	51	"	D	Brown sand 40; fine sand 45; brown sand 65. Dry hole. Previously drilled 160; sand 180; hardpan 211; grey shale 270. Water from 230 to 260.
Ekfrid Twp.										
Con II lot 24	J. Macuda	S. Earl	July 4	4	2	60	46	Fresh	N	Subsoil 5; sand 12; gravel 13; clay gravel 16; blue clay 76; clay gravel 78; sandy clay 192; blue clay 227; sandy clay 259; black soft shale 262; black hard shale 263. Water from 262 to 263.
Con II " 24	B. Roemmele	J.H. Weaver & Son	Sept. 6	4	6	20	12	"	D,S	Brown sand 40; fine sand 45; brown sand 65. Dry hole. Previously drilled 160; sand 180; hardpan 211; grey shale 270. Water from 230 to 260.
Con IV " 6	G. Pierce	Dolphin & Earl	Nov. 20	4	3	90	20	"	D	Grey clay 95; hardpan 110; grey shale 123. Water at 95.
Con IV " 6	D. Booker	"	Dec. 14	4	2	70	27	"	D,S	Grey clay 83; hardpan 84. Water at 83.
LRS RI " 9	G. Hardy	R. & V. Lather	May 18	4	2	70	27	"	D,S	Top soil 1; yellow sand 6; fine brown quicksand 8; blue clay 9. Water at 6.
LRS RI " 13	R. Hardy	"	Apr. 15	4	2	70	27	"	D,S	Red, clay 20; sand 22; blue clay 122; gravel 122½. Water at 122½.

## MIDDLESEX COUNTY -cont.

Locality	Section	Depth	Remarks	Notes
Grey clay 142; silt 150; grey clay pebbles 207; grey shale 210. Dry hole.				
Sand 3; red clay 18; blue clay 60. Dry hole.				
Sand 3; red clay 10; blue clay 45. Dry hole.				
Grey clay 142; grey clay pebbles 163; gravel sand 168; grey clay pebbles 172. Water from 163 to 168.				
Clay 110; hardpan 136; clay 140; gravel 141; clay 145; gravel 146; clay 180. Water from 140 to 141 and from 145 to 168.				
Well pit 6; blue clay 36; sand 40. Water from 36 to 40.				
Clay 40; clay stone 72; fine sand 85; gravel 116. Water from 85 to 116.				
Clay 51; hardpan 69; fine sand 85; hardpan 195. Water from 69 to 85.				
Clay 62; fine sand 70; hardpan 120. Water from 65 to 70.				
Clay 74; hardpan 120. Dry hole.				
Clay sand 22; fine sharp sand 28. Water at 22.				
Hard stoney clay 12; blue clay 30; brown sand 37; blue clay 48; hard red sand 58. Water from 30 to 37 and from 48 to 58.				
Blue clay 45; fine sand 60. Water from 45 to 60.				
Blue clay 86; fine black sand 98. Water from 86 to 98.				
Blue clay 88; hardpan 90; white blue clay 120; shale 122. Water at 122.				
Topsoil 1; sand 16; clay 35; sand 37; gravel 55. Water at 55.				
Hardpan stones 25; hardpan 70; black shale 78. Water at 70.				
Hard stoney clay 30; blue clay 87; sand 94. Water at 87.				
Previously drilled 18; gravel boulders 28; sand 37; muddy gravel 40; clay gravel 44. Water at 40.				
Topsoil 2; red clay 8; blue clay 10; gravel 14; blue stoney clay 22; coarse gravel 28; blue clay 35; fine gravel 43; blue clay 63. Water at 35.				
Gravel 10; clay gravel 28; gravel 51. Water at 28.				
Topsoil 2; stones 7; hardpan 12; clay 20; hardpan 25; gravel 26; water at 25.				
Sand gravel stones 40; water at 40.				
Sand gravel stones 36. Water at 36.				
Brown gravel 38; hardpan 64; gravel 66. Water at 66.				
Brown clay 8; grey sand 12; blue clay 50; sand 54. Water at 54.				
Red clay 8; blue clay 22; silty sand 64; blue clay 77; gravel sand 86; hardpan 90; sand 120; hardpan 130. Water from 77 to 86.				
Gravel 20; sand 60; boulders 63; hardpan 105; limestone 110. Water at 110.				
Topsoil 2; gravel stones 40; clay stones 90; sand gravel 103; sand rock 117. Water at 107.				
Well pit 14; gravel 22; brown sand 71; blue clay 85; hardpan 97; gravel 98. Water at 98.				
Clay 12; sandy clay 18; gravel 39; gravel clay 52; fine gravel 57. Water from 52 to 57.				

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. London Twp. - cont.										
Con V	H. Tiffin	H. Siegrist	Nov. 18	5	3	50	15	Fresh	D	Topsoil 11;stoney hardpan 20;clay 50;sand 62;hardpan 63. Water at 63.
Con V	O.E. Romphf	"	Aug. 13	4	6	15	10	"	D	Topsoil 2;clay 20;hardpan 30;sand 32;clay 50;sand 55; sandy clay 80;gravel 102. Water at 102.
Con V	H. Granger	"	Dec. 5	4	4	40	20	"	D	Topsoil 2;clay 30;stoney hardpan 50;clay 65;sand 85; hardpan 90;sand 100;brown rock 101. Water at 100.
Con V	W. VanDerloo	W. Dale	June 2	5					N	Brown clay 34;sandy clay 48;blue clay 83;clay gravel 116; sand clay 121;blue clay 152;gravel clay 192;blue shale 198; grey limestone 208.
Con V	"	"	July 28	5	1	180	65	Fresh	D	Brown clay 28;sandy clay 39;clay gravel 103;silt sand 106; gravel clay 118;blue clay 159;cemented gravel 192;grey limestone 196. Water at 195½.
Con V	A. Jolly	J.B. Johnston	May 2	4	10	100	46	"	P	Fill 3;topsoil 4;red clay 10;blue clay 32;sand silt 36; Blue clay 50;hardpan gravel 115. Water at 110.
Con V	P. Rondo	I.T. Lounsbury	Apr. 27	5				Fresh		Blue clay 62;sand 66;blue clay 135;hardpan 178. Dry hole.
Con V	H. Seigrist	H. Seigrist	Aug. 26	5	2	80	40	"	D	Sandy clay 100;sand gravel 101. Water at 100.
Con V	D. Weldon	W. Dale	June 15	5	6	65	40	"	D	Clay 12;sandy clay 19;fine sand 27;clay gravel 42;brown clay 89;sandy clay 123;hardpan 157;fine gravel 162. Water at 157.
Con VI	J.A. Brewer	H. Seigrist	July 14	5	6	40	28	"	D	Topsoil 2;clay gravel 20;blue clay 70;sand gravel 75. Water at 75.
Con VI	R. Hibbert	"	July 18	5	5	40	28	"	D	Topsoil 2;stoney hardpan 30;blue clay 55;hard clay 60; soft clay 70;blue clay 95;hardpan 107;coarse sand gravel 110, Water at 107.
Con VI	J.W. Headen	"	July 28	5	6	40	20	"	D	Topsoil 2;stoney hardpan 20;blue clay 40;hard clay 65;sand 90;gravel. Water at 90.
Con VI	"	"	Aug. 4	5	6	40	20	"	D	Topsoil 2;stoney hardpan 30;blue clay 55;hard clay 60;soft clay 70;blue clay 95;hardpan 110;coarse sand. Water at 110.
Con VII	N.E. Inwood	"	Nov. 5	5	6	20	10	"	D	Topsoil 1;sandy clay 10;hardpan 20;hardpan stones 30;sand 45; clay sand 65;sandy hardpan 75;clay 90;sand 99;hardpan 128; clay 139;sand gravel 140. Water at 139.
Con VII	D. Wyatt	J.H. Weaver & Son	Nov. 9	1	8		12	"	D	Topsoil 1;brown stoney clay 7;coarse brown sand 12;coarse gravel 13;brown clay 14½;coarse brown sand 25. Water at 12 and 14½.
Con VII	K.R. Keron	"	Nov. 16	1	8		15	"	D	Brown stoney clay 12;blue clay 15;brown sand 25;water at 15.
Con VII	United Church	R. Smith	Feb. 14	4	6	80	55	"	P	Brown clay 41;hardpan 152;coarse sand 164;gravel 166. Water from 152 to 166.
Con VII	E. Asiles	W. Dale	June 24	5	7½	60	52	"	D	Clay 11;gravel 35;clay 49;sandy clay 73;fine sand 79. Water at 79.
Con VII	J. Stevens	I.T. Lounsbury	Nov. 30	5	9	50	45	"	D	Brown clay 4;blue clay 25;brown sand gravel 40;hardpan 90; boulders 92;hardpan 158;hardpan boulders 161;gravel 165. Water from 161 to 165.
Con VIII	R. Dewan	N. Steinman	May 13	4	6	102	93	"	D,S	Clay 10;hardpan stones 46;sand 47;blue clay 61;hardpan 86; brown clay 108;hardpan 139;shale 140;rock 142. Water at 139½.
Con VIII	W. Armistace	"	Aug. 28	4	10	137	126	Sulphur	D,S	Previously drilled 102;sand gravel hardpan 130;clay 140; hardpan 142;loose rock 144;soft grey brown blue rock 187, Water from 180 to 187.
Con VIII	N.E. Watterton	J.B. Johnston	July 10	4	6	51	39	Fresh	D	Red clay 13;blue clay 91;hardpan gravel 100;gravel sand 108; clay 110. Water from 00 to 108.
Con VIII	C. Loft	"	Dec. 15	4	3	180	18	"	D	Fill 2;topsoil 3;red clay 13;blue clay 32;gravel sand 36; clay boulders 122;sand 135;blue clay 160; gravel sand 143;gravel hardpan 176;grey shale 180. Water at 160.
Con VIII	P. Kime	I.T. Lounsbury	Dec. 14	5	4½	50	45	"	D	Black topsoil 2;yellow clay 10;blue clay 12½;gravel 325; hardpan 127;gravel 150;sand gravel 140. Water from 127 to 140.

## MIDDLESEX COUNTY - cont.

London Twp. - cont.		M. Colbert		N. Steinman		Mar. 30	4	8	91	80	Fresh	D, S		
Con IX	lot 9	B. Taylor	J.B. Johnston	May 24	4	4	4	4	80	42	"	D, S		
Con IX	" 28	L. Hayes	N. Steinman	Aug. 17	4	4	4	12	75	63	"	D, S		
Con X	" 4													
Con X	" 18	D. Kennedy	J.B. Johnston	July 20	5	5	5	8	27	26	"	D		
Con XI	" 22	Ilderton Public School	"	Sept. 29	7	7	7	8	26	22	"	P		
Con XI	" 25	J. Hodgins	R. Smith	July 15	4	4	4				"	N		
Con XI	" 25	"	"	July 25	4	4	4	2	140	70	"	D		
Con XI	" 25	S. Charlton	J.B. Johnston	Sept. 3	4	4	4	5	106	71	"	D		
Con XI	" 28	R. Evans	"	Aug. 5	4	4	4	5	28	24	"	D		
Con XI	" 30	L. Sharpe	"	Oct. 28	4	4	4	5	27	19	"	D, S		
Con XI	" 24	O. Higgs	"	Mar. 30	4	4	4	5	122	62	"	D, S		
Con XIV	" 26	G. Thomson	"	May 9	4	4	4	5	55	44	"	D, S		
McGillivray Twp. CRW Con VII	lot 6	W. Mitchell	A.A. Heal	June 16	4	4	4	6	76	74	"	D		
Metcalfe Twp. Con II	lot 6	Sun Can. Pipe Line	A.A. Heal	Aug. 29	6	6	6							
Con II	" 6	"	"	Aug. 29	6	6	6	1	107	33	Salty	P		
Con XII	" 20	F. Gough	Dolphin & Earl	Aug. 18	4	4	4	15	12	9	Fresh	D		
Mosa Twp. Con II	lot 18	A. Hurdle	R.&V. Lather	Aug. 12	4	4	4	5	50	27	Fresh	D, S		
Con V	" 3	D. Munroe	Dolphin & Earl	Aug. 5	4	4	4	3	37	12	"	D		
Con V	" 4	C. McKellar	"	Aug. 11	4	4	4	3	55	12	"	D, S		
Con V	" 4	M. MacLean	"	Sept. 1	4	4	4							
Con V	" 4	"	"	Sept. 20	4	4	4							
Con V	" 4	"	"	Sept. 29	4	4	4							
LRN Range I	" 14	M. Black	S. Earl	Mar. 25	5	5	5							
LRN Range I	" 14	"	"	Mar. 30	5	5	5							
LRN Range I	" 17	L. Henderson	"	Mar. 18	4	4	4	4	60	6	Fresh	D		

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. North Dorchester										
TRN Con I lot 11	G. Marr	K. McLeod & Son	Nov. 30	5	6	20	15	Fresh	D, S	Brown clay 15;sand 40;hardpan stones 101;limestone 103. Water from 101 to 103.
TRN Con I " 14	F.E. Evans	D. & S. Drilling	Sept. 25	5	4	35	15	"	D	Topsoil 2;coarse yellow sand 24;coarse grey sand 38;grey sand 49;fine grey gravel blue clay. Water at 49.
TRN Con III " 4	A. Cresswell	H.T. Siegrist	June 3	5	4	50	44	"	D	Topsoil 2;gravelly clay 20;grey clay 30;hardpan 46;sand 49; clay 51;sand 55;hardpan 100;rock 104. Water at 104.
TRN Con A " 23	J. Hebb	W. Dale	Dec. 4	5	6	53	39	Sulphur	D	Sub soil 2;gravel 25;clay gravel 45;gravel clay 81;gravel 87. Water from 87 to 87.
TRS Con A " 24	J.W. David	N. Wacharuk	June 15	28	2	16	6	Fresh	D	Brown clay 8;blue clay 16;gravel 18. Water from 16 to 18.
TRS Con B " 19	E. Belau	H.T. Siegrist	Sept. 16	5	4	40	30	"	D	Sand stones 70;gravel clay 16;quicksand 25;blue clay 51;sand 51.
TRS Con B " 24	R. Knott	D. & S. Drilling	Sept. 2	5	4	52	26	"	D	Topsoil 2;yellow clay 16;quicksand 25;blue clay 51;sand 51.
TRS Con I " 18	T. Hope	"	July 28	5	5	50	48	"	D	Topsoil 2;yellow clay 82;hardpan fine grey sand. Water at 51 and 82.
TRS Con I " 22	J. Hanson	"	Aug. 9	6	5	16	16	"	D, S	Topsoil 2;yellow clay 76;water at 76.
TRS Con III " 22	C. Dodds	"	May 22	6	5	50	30	"	D, S	Topsoil 2;yellow clay pebbles 12;quicksand 16;clay 34;hardpan 39;medium brown sand. Water at 39.
TRS Con III " 24	H. McIntyre	R. Smith	Aug. 17	2	12	12	12	"	D	Topsoil 2;yellow clay 18;quicksand 21;quicksand 125;soft blue clay 139;blue clay fine sand 18;fine gravel 216.
TRS Con V " 11	E.W. Cornish	E. Hoover & Sons	Jan. 12	3	3	75	60	"	D	Red clay 18;fine sand 28;black fine sand 37.
TRS Con V " 12	G. Clifford	"	Jan. 16	5	5	5	2	"	D	Topsoil 2;blue clay 6;sand 145;Water at 142.
TRS Con VI " 19	V. Shöckleton	"	Dec. 18	5	5	50	40	"	D, S	Topsoil 2;blue clay 23;sand 26;find sand clay 55;gravel sand 56. Water at 56.
Wardsville	H. Nesbit	S. Earl	July 13	4	3	60	28	"	N	Topsoil 2;red clay 30;yellow sand 100;hardpan clay stones 174;gravel 175. Water at 175.
Wardsville	"	"	July 18	4	6	18	Flows	"	D	Gravel 12;clay 86;hardpan 110;grey shale 124. Water from 103 to 107.
Westminster Twp. lot 35	London Public Utilities Comm.	International Water Supply Ltd.	Oct. 13	10						Clay 9;sand 12;clay 83;hardpan 90. Water from 87 to 90.
BP " 35	"	"	Oct. 19	10					T	Brown sand 12;coarse fine gravel sand 20;silty sand 46; sandy clay 56;fine sand silt 60;sandy stoney clay 63;fine stoney silty sand 63;grey stoney clay 86;grey limestone 86.
BP " 35	"	"	Nov. 27	10					T	Topsoil 2;coarse fine gravel sand 22;dirty sand silt 13-59
BP " 36	"	"	Oct. 1	10					T	Brown clay 30;sandy clay silt stones 83;grey clay stones 87; limestone 88.
BP " 36	"	"	Oct. 23	10			23		T	Topsoil 3;clay 11;gravel clay 23;dirty sand 40;sand clay 56; sand 88;rock.
BP " 36	"	"	Oct. 23	10					T	Sandy clay 13;coarse gravel sand 18;dirty sand silt 26; sand gravel silt clay 48;fine brown sand silt 52;dirty sand gravel clay 54;coarse gravel clay 57;grey clay gravel 60;coarse gravel clay 61.
BP " 36	"	"	Oct. 23	10					T	Topsoil 5;sand clay 12;clay 16;clay gravel 28;clay gravel 28;clay gravel boulders 34;cemented gravel 42;gravel clay 60;coarse gravel boulders 64;gravel clay boulders 67;clay gravel 86;rock.
BP " 36	"	"	Oct. 23	10					T	Fine sand silt 13;coarse gravel fine sand 28;fine sand silt 35;sandy stoney clay 84;stoney grey clay 86.
BP " 36	"	"	Nov. 2	2					T	Fine sand 2;sandy stoney clay silt 16;coarse fine gravel boulders sand 25;fine stoney sand silt 32;brown stoney clay silt 43;hard sand gravel clay 50;dirty coarse sand fine gravel 72;silty hard stone 75;grey stoney clay 86;limestone 87.



MIDDLESEX COUNTY -cont.

BF	Westminster Twp. -cont. lot 36	London Public Utilities Comm.	International Water Supply Ltd.	Nov. 4	10				T	
BF	" 36	"	"	Nov. 12	2				16-59	Topsoil 5; clay 11; clay gravel 24; gravel clay boulders 40; clay gravel 55; gravel clay 62; sticky brown clay 70; clay boulders 84; blue clay 87; rock.
BF	" 36	"	"	Nov. 13	2				18-59	Topsoil 5; sand clay 19; gravel 21; sand clay 40; dirty sand 55; dirty sand gravel 58; gravel clay 67; gravel clay boulders 86; clay gravel 89; rock.
BF	" 36	"	"	Nov. 20	2				17-59	Fine sand silt; 13; coarse fine gravel sand clay 22; dirty gravel sand clay 35; grey clay gravel 40; dirty gravel clay 44 grey clay gravel 56; coarse gravel sand boulders clay 74; clay 85.
BF	" 36	"	"	Nov. 20	2				T 19-59	Topsoil 4; sand clay 9; gravel clay 27; dirty sand 38; sand 58; gravel 80; coarse gravel boulders 86; gravel clay 87; clay gravel 88.
BF	" 36	"	"	Nov. 20	10				T 20-59	Fine sand 5; sandy stoney clay 15; coarse gravel sand 17; sandy stoney clay 83; grey stoney clay 85.
BF	" 36	"	"	Dec. 3	10				T 22-59	Fine sand silt 11; coarse fine gravel sand 22; grey stoney clay 82.
BF	" 36	"	"	Dec. 8	10				T 23-59	Topsoil 1; dirty sand 6; sand clay 20; gravel clay 24; clay sand 30; gravel clay 36; clay sand gravel 47; clay sand 52; sand 54; sand gravel 62; dirty fine sand 73; clay gravel boulders 63; rock.
BF Con I	" 48 " 4	J. Oxford H. Neely	R. Smith W. Dale	June 8 Sept. 4	4 5	3 7	141 43	70 27	Fresh Sulphur	Sand 63; fine sand 73; hardpan 142; sand 147. Water at 142. Gravel 12; brown clay 4; blue clay 56; clay sand 69; sandy clay gravel 103; gravel clay 113; grey shale 122. Water from 119 to 122.
Con I	" 13	K. Morgan	R. Smith	Mar. 19	4	3	146	140	Fresh	Brown clay 20; blue clay 105; fine sand 115; hardpan 125; grey clay 156; coarse sand 160. Water at 156.
Con I	" 15	C. Carrolls	"	Nov. 2	4	3½	100	90	"	Sticky clay 15; red clay 30; blue clay 75; fine silty sand 90; clay sand streaks 190; sharp sand 193. Water at 193.
Con I	" 31	F. Rowe	W. Dale	Feb. 4	4	5	41	29	"	Fill 6; yellow clay 20; blue clay 35; sand 48; hardpan 50. Water from 42 to 48.
Con I	" 31	J. Byras	R. Smith	Sept. 10	2	10	16	16	"	Hard grey clay 8; blue clay 37; fine black sand 43. Water at 37.
Con I	" 31	Trailer Mart	"	Sept. 11	2	6		20	"	Hard clay 21; black sand 27. Water at 21.
Con I	" 31	G. Paull	I. T. Lounsbury	Oct. 10	4	5	30	20	"	Brown clay 12; blue clay 40; sand 52. Water at 52.
Con I	" 43	W. Atkins	W. Dale	Aug. 6	5	8	198	186	"	Sub-soil 3; brown clay 58; gravel 218. Water at 212.
Con II	" 12	R. Sumner	R. Smith	Sept. 7	2	4		18	"	Top clay 2; red clay 10; blue clay 48; fine black sand 53. Water at 48.
Con II	" 29	P. Rhame	J. H. Weaver & Son	Sept. 21	1	8		8	"	Open well 9; brown sand 21; grey nicks sand 29. Water at 9.
Con II	" 31	J. Kislus	R. Smith	Sept. 9	2	10		8	"	Hard grey clay 18; fine sand 33. Water at 23.
Con II	" 33	P. Gosnell	W. Dale	Apr. 3	5	5	197	92	"	Fill 2; brown clay 24; yellow sand 37; silty sand 58; sand 144; hardpan 197; blue clay 233; black shale 239. Water at 237.
Con II	" 36	N. Spivak	"	Aug. 28	5	7	28	19	"	Brown clay 17; sandy clay 26; silty clay 31; fine sand 40. Water from 35 to 40.
Con II	" 37	Produce Supply & Service Co. Ltd.	I. T. Lounsbury	Apr. 22	8	40	150	58	"	Topsoil 3; red sand 48; clay sand 127; hardpan 139; sand grey clay 189; dirty sand gravel broken stone silt 196; dirty silty sand 220. Water at 189.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1939

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Westminster Twp.- cont. Con II lot 37	Produce Supply & Service Co. Ltd.	I.T. Lounsbury	June 14	8	65	150	58	Fresh	In	Topsoil 3:red sand 48;clay sand 127;hardpan 139;sand clay 189;light gravel sand 196. Water at 189.
Con II	Shell Oil Co.	H.T. Siegrist	July 17	5	4	110	100	"	C	Previously drilled 40;clay 140;fine sand 140 1/2;clay 175; sand gravel 175 3/8. Water at 175
Con III	F. Rice	R. Smith	Sept. 4	4	5	60	55	"	D	Topsoil 4:fine sand 140;white clay 178;coarse sand gravel 200. Water from 178 to 200.
Con III	M.V. Westen	W. Dale	Mar. 28	5	5	60	20	"	D	Clay 28;sandy clay 37;silty sand 78;fine sand 81. Water at 78.
Con III	E. Beattie	W.L. McBeth	Apr. 30	4	5	85	40	"	D	Sand clay 2;fine silty sand 167;clay 171;coarse sand. Water at 171.
Con III	S. Wood	W. Dale	Sept. 20	5	8	42	40	Sulphur	D,S	Sub-soil 2;sand 8;brown clay 47;silty sand 72;blue clay 162; muddy gravel 167;clay 207;limestone 216. Water from 215 to 216.
Con III	Startup Theatre	R. Smith	June 24	4	12	80	28	Fresh	P	Top clay 5;blue clay 132;hardpan 137;coarse sand 155. Water from 137 to 155.
Con III	D. Ross	I.T. Lounsbury	June 23	4	4	15	3	"	C	Dug well 15;blue clay 28;sand 42. Water at 42.
Con IV	W.A. Brounlie	W. Dale	Oct. 28	5	7	183	91	"	D	Topsoil 2:brown clay 58;silty sand gravel 64;clay sand 198; muddy gravel 218;clay sand 280;sand gravel 284;gravel 286. Water from 284 to 286.
Con IV	R. Frost	"	Feb. 23	4	10	40	18	"	D	Brown clay 17;sand clay 34;silty sand 73;sand 83. Water from 73 to 83.
Con IV	Ont. Water Resources Comm	D.&S. Drilling	Nov. 21	5	5	25	25	"	P	Topsoil 2:yellow sandy clay 12;blue clay 56;silty blue clay 61;quicksand 67;blue clay 115;hardpan 123; coarse grey sand 160;blue clay. Water at 123 and 160.
Con V	A. McHaffey	W. Dale	May 5	8					T	Sand 12;fine sand 15;putty clay 43;blue clay 46. Dry hole.
Con V	London Public Utilities Comm	Water Supply Co.	Feb. 20	8					3-59	Black loam 5;brown clay 18;grey clay 40;hard clay 65;silty clay 75;grey clay 83;grey clay gravel 100;grey clay 115; hard cemented clay gravel 123;grey clay 160;hard cemented clay gravel 180. Dry hole.
Con V	"	"	Jan. 15	8					T	Sandy topsoil 3;clay 32;silty sand 35;clay 105;hard clay gravel 131;gravel sand 137;sand silt 149;dirty gravel 164; clay gravel 177;hard clay gravel 192;dirty clay gravel 195; hard clay gravel 210. Dry hole.
Con V	"	"	Jan. 28	2			25	Fresh	T	Sandy topsoil 3;clay 32;silt clay sand 55;sand clay 75; clay 95;clay gravel 100;hard cemented clay gravel 130; gravel sand 137;clean sand 151;dirty gravel sand 155;clean gravel sand 157;dirty gravel sand 160;silty sand gravel 165. Water at 137.
Con V	"	"	Feb. 6	8					T	Sandy topsoil 5;brown clay 24;silty sand 35;silty clay 61; hard blue clay 87;clay 103;hard cemented clay gravel 148; coarse gravel sand 150;clay gravel 155;dirty gravel sand 167 hard clay gravel 178. Dry hole.
Con V	Lobban Bros.	W. Dale	Sept. 26	5	10	17	8	Fresh	D,S	Topsoil 3;sand 27;clay 53;gravel clay 55;clay gravel 120; gravel 128. Water from 124 to 128.
Con V	London Public Utilities Comm	International Water Supply Co.	Apr. 21	2	20		70	"	T	Topsoil 1;brown clay gravel 11;blue clay 70;soft silty clay 84;clay gravel 126;sand gravel 145;sand 155;coarse sand 165;fine sand 185;fine sand silt 192;clay gravel boulder 205;boulder.
Con VI	"	"	Apr. 13	5					T	Topsoil 1;brown clay gravel 7;blue clay 11;sticky blue clay 80;soft blue clay 100;blue clay 116;clay gravel 123;clay gravel boulders 134;clay gravel 139;clay 144;soft clay sand 153;gravel 173;clay 190;clay gravel 188;gravel 190;clay

## MIDDLESEX COUNTY - cont.

Westminster Twp. cont. lot 20	London Public Utilities Com.	International Water Supply Co.	Apr. 16	5					T	
Con VI	"	"	Apr. 24	5					6-59	Topsoil 1; brown clay gravel 10; sticky blue clay 152; clay gravel 154; gravel 160; sandy soft clay 163; gravel 164; sand 203; clay gravel boulders 215.
Con VI	"	"	May 4	2	15	92	91	Fresh	8-59	Topsoil 1; brown clay gravel 17; blue clay 64; clay gravel 77; clay 109; clay gravel boulder 122; soft clay gravel 127; gravel 138; gravel 145; soft clay sand 152; clay gravel 154; soft clay sand 181; clay 193; clay gravel boulders 215.
Con VI	"	"	Mar 16	8					9-59	Topsoil 1; brown clay gravel 12; sticky blue clay 95; clay gravel 133; gravel 138; gravel clay 141; soft clay sand 146; clay gravel 150; soft clay sand 157; sand gravel 161; fine sand 167; sand 172; sand gravel 207; soft clay 213.
Con VII	S. Richardson	W. Dale	Apr. 21	5	3	170	40	Fresh	D, S	Topsoil 1; brown clay 16; hard blue clay 70; hard clay gravel 75; silty clay 85; hard blue clay 115; cemented gravel 145; silty sand 165; clay gravel 167; cemented gravel 185. Dry hole.
Con VII	K. McDonald	"	Mar. 19	5	2	145	49	"	D	Brown clay 33; blue clay 78; sandy clay 117; gravel clay 138; clay fine gravel 177; sand gravel 182; Water at 177.
Con VIII	C. Smith	"	Apr. 25	4	7	36	30	"	D, S	Previously drilled 112; silty sand 16; clay fine sand 123; blue clay 138; clay gravel 161; sand 165. Water from 161 to 165.
Con VIII	West Gleanworth School Section	"	Oct. 2	5	8	38	34	"	D	Dry well 1; brown clay 15; blue clay 120; sand clay 121; soft clay 148; hardpan 153; gravel 158; Water at 155.
NTR E	R. Orr	H. T. Siegrist	Mar. 11	5	4	65	60	"	D, S	Dry well 6; brown clay 34; clay gravel 37; blue clay 40; fine sand 46; Water from 42 to 46.
NTR E	B. Stewart	W. Dale	Jan. 12	7	15	80	65	"	S	Topsoil 2; clay 190; sand gravel 200; hard clay 255. Water at 255.
NTR E	Munroe Boat Co.	H. T. Siegrist	June 26	5	4	85	81	"	D	Blue clay 180; sand 195; blue clay 217; sand 228; hardpan 240; sand 253; hardpan 289; sand 290; grey shale 293. Water at 240.
NTR E	A. Belcher	W. Dale	July 13	5	7	80	71	"	D	Pill 5; brown clay 60; sand 60; clay 94; fine gravel 97. Water from 94 to 97.
NTR E	Superior Concrete Ltd.	"	June 25	7	50	40	40	"	In	Topsoil 1; brown clay 12; sand 49; blue clay 59; sandy clay 65; clay stones 166; cemented gravel 193; gravel 193. Water from 193 to 199.
NTR W	Cowan Bros	I. T. Lounsbury	Aug. 24	5	4	70	54	"	P	Gravel 23; clay 28; gravel 36; clay stones 97; sand 112; gravel 124; Water at 115.
West Missouri Twp. Con I lot 1	O. A. Legrou	I. T. Lounsbury	Mar. 26	5	4	40	30	Fresh	D	Brown clay 8; blue clay 195; gravel 197. Water at 197.
Con I	G. Bryan	W. D. Hopper	Dec. 15	4	10	68	65	"	D, S	Brown sandy soil 8; blue clay 28; hardpan stones 44; hardpan 85; gravel 94. Water at 94.
Con I	C. Oliviant	R. Samson	Mar. 2	5	4	60	20	Sulphur	D	Topsoil 1; yellow clay 10; fine sand 30; blue clay 70; hardpan 130; loess 135; brown limestone 190; grey limestone 210; brown limestone 235. Water from 210 to 235.
Con II	A. Gilleno	"	May 5	5	4	62	20	"	D	Old wall 38; hardpan 8; fine gravel 8; blue clay hardpan 136; sand fine gravel 136; bedrock. Water at 136.
Con II	M. G. Byron	N. Steinman	Mar. 2	4	15	16	14	Fresh	D	Old wall 48; hardpan stones 74; fine gravel 76; blue clay hardpan 138; sand fine gravel 138; bedrock. Water at 138.
Con II	C. Peterson	W. Dale	Nov. 12	5	12	103	94	"	D, S	Clay 4; stones clay 19; hardpan 52; sandy gravel 62; rock 67. Water from 65 to 67.
Con III	T. Smalders	W. D. Hopper	Nov. 20	4	10	40	15	Sulphur	D	Gravel 29; clay gravel 121; limestone 195. Water from 191 to 195.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
<b>MIDDLESEX COUNTY - cont.</b>										
West Missouri Twp. cont.										
Con III lot 15	L. Elliot	K. McLeod & Sons	June 23	5	5	13	13	Fresh	D	Clay 3; blue clay 74; grey limestone 88. Water from 86 to 88.
Con III	R. McGuffin	"	Oct. 23	5	8	18	7	"	D	Dug well 3; hardpan 18; gravel 24; blue clay 60; gravel 63; limestone 112. Water from 75 to 113.
Con III	"	"	Nov. 5	5	5	50	20	Sulphur	D	Brown clay 3; gravel 17; hardpan 79; grey limestone 112. Water from 85 to 112.
Con IV	"	"	Dec. 17	4	6	40	30	Fresh	D	Clay 20; sand 40; hardpan stones 130; limestone 138. Water from 136 to 138.
Con V	J. Capner	K. McLeod & Sons	Dec. 16	4	7	21	19	"	D	Clay 16; gravel 33; brown clay 47; clay gravel 66; blue clay 82; gravel clay 93; grey limestone 103. Water from 101 to 103.
Con V	"	W. Dale	Dec. 15	5	10	43	30	"	P	Clay boulders 27; gravel clay 38; brown clay 51; gravel clay 77; gravel 85. Water from 81 to 85.
Con V	West Missouri School Area	K. McLeod & Sons	July 2	5	5	50	40	"	D, S	Boulders brown clay 20; blue hardpan stones 50; sand 70; hardpan 92; limestone 94. Water at 94.
Con VI	J. Hill	"	Aug. 14	5	10	22	16	"	D	Gravel clay 9; sandy clay 24; clay gravel 43; stoney gravel 52; hardpan 70; brown limestone 78. Water from 76 to 78.
Con VI	A. Demk	W. Dale	Nov. 1	5	10	7	5	"	D, S	Topsoil 1; blue clay 22; hardpan 71; blue clay stones 96; hardpan 98; grey sand fine gravel 124; rock. Water from 98 to 124.
Con VI	H. Heller	R. Samson								
<b>West Williams Twp.</b>										
Con III lot 24	A. Willemse	F. Rendle	Oct. 24	5	1	80	80	Fresh	N	Clay 175; gravel 176; limestone 218. Water from 175 to 176.
Con XVI	K. Miblock	A.A. Heal	Nov. 10	4	4	140	87	"	D, S	Clay 50; clay hardpan 70; clay 176; gravel 178. Water at 176.
Con XVI	"	"	Aug. 17	4	6	69	67	"	D	Topsoil yellow clay 12; blue clay 22; sand clay 65; blue clay 170; gravel clay 177; limestone 182. Water from 24 to 28 and at 181.
Con XVI	West Williams School Area	"	Mar. 24	4	6	81	67	"	P	Topsoil yellow clay 16; blue clay 157; limestone 158; blue clay 178; loose limestone sand 182; limestone 183. Water from 182 to 183.
Con XVII	G. DeTroyer	"	Mar 11	4	5	140	70	Sulphur	D	Topsoil sand 33; blue clay 186; limestone 196. Water from 187 to 188.
<b>MUSKOGA DISTRICT</b>										
Brasel Twp.										
Con XIII lot 14	R. Lewis	P.C. Hammond	Mar. 9	5	1	49	19	Fresh	D	Hardpan boulders 39; red granite 49. Water at 39.
Con XIV	H. West	"	Oct. 22	5						Sand boulders 41; grey granite 100. Dry hole.
Con XIV	C. Usher	"	July 29	5						Clay boulders 7; granite 30. Dry hole.
Con XIV	L. Green	"	Oct. 28	5	1	84	15	Fresh	D	Clay 32; granite 84. Water at 48.
Con XIV	A.J. Stretton	"	Oct. 24	5	1	80	13	"	D	Gravel boulders 2; granite 80. Water at 50.
<b>Cardwell Twp.</b>										
Con IV lot 12	J.M. McLeod	P.C. Hammond	Jan. 9	5	1	45 1/2	19	Fresh	D	Sand 19; grey granite 4 1/2. Water at 45.
<b>Oaaffer Twp</b>										
Con I lot 1	L. Watts	P.C. Hammond	May 22	5	1	54	25	Fresh	D	Sand boulders 34; granite 54. Water at 52.
Con I	E. McLroy	W.J. Kimberley	Sept. 13	6	3	89	40	"	D	Stoney clay 16; grey gravel 89. Water at 89.
Con II	B. Ware	F.C. Hammond	May 28	5	1	83	7	"	D	Gravel boulders 3; grey granite 83. Water at 82.
Con II	C. Smith	"	Sept. 12	5	15	66 1/2	20	"	D	Clay 59; gravel boulders 66 1/2. Water at 60.
Con II	T. Dodge	"	June 30	5	5	46	14	"	D	Sand 6; clay 14; quicksand 59; gravel 60 1/2. Water at 60.
Con II	A. Bennett	W.J. Kimberley	Aug. 18	5	2	93	28	"	D	Brown clay 45; fine sand 55; quicksand 88; coarse gravel 93. Water at 93.
Con II	G.S. Wilkins	"	Aug. 20	6	4	87	4	"	D	Sandy loam 3; blue clay 57; fine sand 69; sandy gravel 79; coarse gravel 87. Water at 87.

## MUSKOKA DISTRICT - cont.

Chaffey Twp. -cont.	J. Knott	Sept. 11	5	1½	30	9	Fresh	D	Clay boulders 9;granite 30. Water at 11 and 22.
Con II lot 13	A. Cochrane	Sept. 3	5	9	4	3	"	D	Coarse gravel 5;silicey granite 36½. Water at 36½.
Con III " 13	W. Hubbert	Aug. 26	6	12	70	54½	"	D	Dug well 12;coarse gravel 75;silly sand 84;coarse gravel 82½. Water at 87½.
Con IV " 10	W. Williams	Sept. 17	5	2½	76	50	"	D	Clay 3;hardpan boulders 50;granite 104½. Water at 102.
Con IX " 18	E. Grace	July 10	5	4½	28	5	"	D	Sand 1;clay 65;gravel boulders 71. Water at 71.
Con X " 6	W. Funk	July 22	5	3	48	5	"	D	Fine sand 4;grey granite 48. Water at 48.
Con X " 8	R. Herbst	Aug. 17	5	1	50	10	"	D	Clay boulders 42;granite 56. Water at 55.
Con XII " 10	G.M. Kightly	July 24	5	10	30	21	"	D	Gravel 40;coarse sand 51. Water from 46 to 51.
Draper Twp.									
Con V lot 17	E. Lowe	July 4	5	1½	29	5	Fresh	D	Sandy loam 2½;grey granite 29. Water at 29.
Con VI " 18	H. Allan Jr.	June 17	5	8	10	2	"	D	Mucky topsoil 2½;granite 38. Water at 38.
Con X " 1	J. Fish	Aug. 3	6	2	88	28	"	D	Sandy clay 2;grey granite 88. Water at 88.
Franklin Twp.									
Con VI lot 17	W.E. Bannerman	Aug. 6	5	1	120	20	Fresh	D	Fine sand 9;gravel boulders 16;granite 120. Water at 25 60 and 118.
Freeman Twp.									
Con IV lot 6	M. & M. Motel	Apr. 16	5	1½	160	4	Fresh	P	Old drilled well 115;red granite 160.
Macaulay Twp.									
Con IV lot 6	McAuley Twp. School Board	Apr. 22	5	1½	124½	11	Fresh	P	Sand 24;granite felspar 124½. Water at 75.
Con VI " 11	A. Karaganis	Aug. 10	5						Granite 50. Dry hole.
Con VI " 11	"	Sept. 25	5						Sand 3;granite 205. Dry hole.
Medora Twp.									
Con E lot 30	J. Young	Sept. 4	5	5					Fine sand 3;granite 60. Dry hole.
Con F " 31	G. Stubington	July 30	5	30	11	8	Fresh	D	Clay 16;boulders 20;granite 25. Water at 23.
Con F " 29	B. Anderson	Sept. 1	5	4	58	12	"	D	Brown clay 17;granite 58. Water at 19.
Con II " 23	O. Kelli	Oct. 31	5	1	80	33	"	D	Sand boulders 38;grey granite 80. Water at 80.
Con IX " 3	E. McDonald	Oct. 10	2	1½	21	14	"	D	Fine sand 12;red granite porphyry 80. Water at 70.
Morrison Twp.									
Con I lot 26	Morrison Twp. School area	Apr. 4	5	7	100	33	Fresh	P	Sand 24;felspar 124½. Water at 122.
MRE " 31	A. Stewart	Nov. 6	5	4	84	50	"	D	Medium sand 84. Water from 78 to 84.
Muskoka Twp.									
Con V lot 19	H. Luckett	June 10	5	2½	164	32	Fresh	D	Sand gravel 15;granite 164. Water at 162.
Con V " 20	V. Kooser	July 14	5	6	33	28	"	D	Gravel boulders 43. Water at 43.
Con V " 21	K. Kelly	June 13	5	3	32	25	"	D	Coarse gravel 46. Water at 46.
Con VII " 10	G. Thompson	July 1	5	6	27½	26½	"	D	Fine gravel 6;coarse gravel 33½. Water at 33½.
Con IX " 3	M.C. Nelson	Sept. 10	5	17	145	13	"	In	Sand 31;grey granite 158. Water at 158.
Oakley Twp.									
Con VI lot 26	S. Sampson	Aug. 15	6	2	100	3	Fresh	D	Dug well 5;grey granite 100. Water at 100.
Port Carling									
Con VI	D.G. Willmet	Sept. 9	5	30	100	21½	Fresh	D	Brown clay 18;granite 146½. Water at 146.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>MUSKOGA DISTRICT - cont.</b>										
Alford Twp. Con XIII lot 5	K.E. Wise	P.C. Hammond	July 28	5						Clay shell 2;granite 118. Dry hole.
Ryde Twp. Con VII lot 26	Riley Lake School	W.J. Kimberley & Son	Nov. 3	6	8	77	18	Fresh	P	Coarse gravel 25;grey granite 103. Water at 102.
Sinclair Twp. Con I lot 28	H.T.Kirkpatrick	P.C. Hammond	Oct. 21	5	1	90	10	Fresh	D	Gravel clay boulders 20;granite 90. Water at 87 and 90.
Stephenson Twp. Con B lot 8	A.B. Matthews	P.C. Hammond	Apr. 27	5						
Con VI lot 25	K.J. Kipp	Inspiration Min- ing & Development Co. Ltd.	Aug. 19	1					D	Sand 4;red granite 50. Dry hole. Red granite 5;grey granite 18. Water at 9.
Con VI lot 25	"	"	Aug. 20	1					N	Red granite 5;grey granite 19. Dry hole.
Con VI lot 25	C. Brown	P.C. Hammond	Aug. 24	5						Sandy gravel 22;coarse gravel 47. Dry hole.
Con VI lot 25	K.J. Kipp	Inspiration Min- ing & Development Co. Ltd.	Aug. 24	1						Red granite 5;grey granite 62. Water at 14.
Con VI lot 25	"	"	Aug. 25	1	1 1/2	60	13	Fresh	D	Red granite 5;grey granite 70. Water at 46.
Con VIII lot 20	S. Grimes	P.C. Hammond	June 4	5	5	47	45	"	P	Dug well 15;gravel 65. Water from 50 to 65.
Stated Twp. Con VII lot 21	Ont.Dept.Lands & Forests	Jutras Const.Co.	Jan. 31	2	2	20	15	Fresh	P	Black loam 1;grey granite mica 147. Water at 147.
Watt Twp. Con II lot 34	A. Penny	W.J. Kimberley & Son	May 4	5	6	95	75	Fresh	D	Loam 3 1/2;granite 119. Water at 119.
Wood Twp. Con VII lot 23	Mrs. Mary	"	May 18	5	9	35	25	Fresh	P	Coarse sand 27;granite 38. Water at 38.
<b>NIPISING DISTRICT</b>										
Alfy Twp. Con V lot 9	P. Luckasavich	V.H. Marquardt & Son	May 28	4	7	140	6	Fresh	D	Brown soil 7;blue granite 211. Water at 210.
Con VI lot 7	P. Roach	"	Apr. 15	4	6	47	14	"	D	Brown soil 13;grey granite 65. Water at 64.
Con VI lot 7	J.A. Brown	"	May 5	5	10	30	5	"	P	Hardpan 54;fine gravel 60. Water at 60.
Con VI lot 7	E. Gorgier	"	June 3	4	3	65	15	"	D	Brown soil 5;grey granite 75. Water at 74.
Con VI lot 7	N. Sawyer	"	June 23	4	1 1/2	100	18 1/2	"	D	Brown soil 17;grey granite 112 1/2. Water at 112.
Con VI lot 10	H. Gressman	"	June 23	5	1	30	10	"	D	Hardpan 35. Water at 35.
Con XI lot 6	Ont.Dept. Lands & Forests	P.C. Hammond	Apr. 11	5	4	187	28	"	P	Red sand 12;quicksand 177;boulders 180;gravel hardpan 189. Water at 187.
Askin Twp.	Ont.North- land Railway	W. Cochrane	Aug. 25	2	2	22	8	Fresh	D	Boulders sand 14;granite 33. Water from 24 to 33.
Beauceage Twp. Con II lot 12	H. Giroux	S. Bradley	May 26	5	9	10	4	Fresh	P	Clay 2;sand 170;gravel 178. Water from 170 to 178.



NIPISSENG DISTRICT - cont.

Bonfield Twp. - cont. Con VIII		Separate School	J.J. Well Drilling	Dec. 2	6	10	5	4	Fresh	P	Clay boulders 16; red granite 32. Water at 20.
Caldwell Twp. Con A Con A Con III	lot 7 " 3 " 2	D. St. Jean M. Tourigny D. Miron	S. Bradley " "	Feb. 2	2	2	40	22	Fresh	D, S	Clay 6; sand 40; red grey granite 203. Water at 201.
				May 6	5	10	10	1	"	S	Clay 8; sand 97; gravel 103. Water from 97 to 103.
				Apr. 10	2	3	18	4	"	D, S	Clay 9; gravel 98. Water from 94 to 98.
Calvin Twp. Con IX	lot 14	S. L. Brown	Can. Longyear Ltd.	Oct. 26	2	2½	20	10	Fresh	D	Old well 38; gravel 45. Water from 42 to 45.
Cameron Twp. Con B	lot 10	C. Blair	Can. Longyear Ltd.	Oct. 20	2	4	28	9	Fresh	D	Fine gravel 10; bedrock 102. Water at 100.
Canisbay Twp. Con VIII	lot 10 " 10	Ont. Dept. Lands & Forests	P. C. Hammond "	June 3	5	1½	125	37	Fresh	P	Gravelly sand 34; granite 125. Water at 92 and 123.
				June 6	5	12	64	32	"	P	Sand gravel boulders 46; granite 64. Water at 62.
Chisolm Twp. Con X	lot 2	R. Somerville	J.J. Well Drilling	Nov. 26	6						Boulders clay 24. Dry hole.
East Ferris Twp. Con III Con IV Con IV Con VII Con VII Con VIII Con VIII Con IX Con IX Con IX Con XI Con XI Con XV Con XVII Con XVII Con XVII	lot 20 " 12 " 12 " 7 " 21 " 27 " 29 " 29 " 29 " 29 " 21 " 15 " 19 " 19 " 19	Sisters Residence L. Trapanier C. Crist G. Gravelle C. Champagne Gateway Well J. Champagne E. Gauthier B.J. Stevens A. Boudreau J. Barber L.W. Manthas A. Scailse G.N. Wallace	J.J. Well Drilling " " Gateway Well Drilling Jutras Const. Co. Gateway Well Drilling " " " J.J. Well Drilling Inspiration Min- ing Development " " "	Mar. 3	6	½	90	35	Fresh	D	Sand fill 1½; hard grey granite 80; red granite 90. Water at 80.
				July 22	6	1	14	8	"	D	Boulder clay 3; grey granite 17. Water at 14.
				July 24	6	1	16	8	"	D	Boulder clay 15; grey granite 21. Water at 16.
				Nov. 3	2	1	20	2	"	D	Grey gravel boulders 20; red granite 307. Water at 292 and 297.
				May 14	2	1	20	4	"	D	Sand 6; red granite 120. Water at 108.
				July 28	2	1	18	4	"	D	Brown clay 3; red granite 45. Water at 33 and 38.
				July 16	2	1½	12	4	"	D	Gravel 2; red granite 36. Water from 18 to 28.
				July 20	2	3	2	2	"	D	Sand clay 36; coarse gravel 38. Water at 38.
				Oct. 5	2	2	22	9	"	D	Boulders grey sand 6; pink granite black spots 120; red granite 128. Water at 117.
				Oct. 6	2	3	0	Flows	"	D	Light grey sand 28; red granite 79. Water at 67.
				Dec. 10	2	2	20	4	"	D	Red grey granite 44. Water at 37.
				June 3	6	1	32	8	"	D	Boulders clay 8; grey granite 32. Water at 20 and 28.
				June 10	1			19	"	N	Red granite 75. Water at 21.
				July 13	1			18½	"	N	Gravel boulders 5; red granite 46. Water at 19½.
				July 17	1	4	65	19	"	D	Sandy clay boulders 11; red granite 124. Water at 62 and 96.
Field Twp. Con II Con V Con V	lot 5 " 14 " 14	R. Seguin F. Mayer A. Courchesne	S. Bradley " "	Sept. 22	2	3	22	18	"	D, S	Coarse gravel 16; granite 103. Water at 100.
				May 16	2	3	15	8	"	P	Clay 8; red granite 133. Water at 132.
				July 8	2	2	24	7	"	P	Clay 14; red granite 173. Water at 167.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NIPissing District - cont. Field Twp. - cont. Con VI lot 13 Con VI " 14	G. Lalonde A. Jarbeau	S. Bradley "	July 30 Oct. 17	2 2	1 1	24 21	20 11	Fresh "	D D	Clay 10; gravel 24; granite 168. Water at 160. Clay 19; granite 110. Water at 108.
Gibbons Twp. Con II lot 7	J. Barteleau	S. Bradley	Sept. 10	2	3	20	18	Fresh	D	Sandy clay 52; gravel 65. Water from 62 to 65.
Macpherson Twp. Con III lot A Con IV " 1 Con IV " 1 Con V " 2	R. Pilon L. Lavigne School A. Beaudry F. Aubin	S. Bradley " " "	June 25 Mar. 3 Aug. 11 Aug. 21	2 2 2 2	4 4 3 4	15 20 20 10	12 8 12 6	Fresh " " "	D P D D, S	Gravel 1; red granite 115. Water at 112. Clay 20; red grey granite 147. Water at 145. Clay 32; red granite 142. Water at 140. Red granite 101. Water at 92.
North Bay	Pitman Auto Wreckers	J.J. Well Drilling	Feb. 14	6	1	28	10	Fresh	D	Boulders clay 17; red granite 28; grey granite 28. Water at 20.
Pedley Twp. Con I lot 4	V. Delorme	S. Bradley	Nov. 17	2	2	20	2	Fresh	D	Sandy clay 176; coarse gravel 189. Water from 185 to 189.
Phelps Twp. Con I lot 13	J. Wahn	J.J. Well Drilling	June 6	6	½	37	4	Fresh	D	Brown clay 4; grey granite 37. Water at 30.
Postras	M. Petrezie	Mutras Const. Co.	Jan. 5	2	½	70	22	Fresh	D	Sand 15; grey granite 98. Water at 90.
Springer Twp. Con C lot 2 Con I " 7 Con I " 10	T. Smith H. Duchesne Gordon Lumber Co.	S. Bradley " "	June 24 Dec. 18 Mar. 17	2 2 2	2 1 2	15 22 22	6 4 12	Fresh " "	D C D	Clay 6; granite 80. Water at 78. Clay 55; red granite 154. Water at 150. Clay 12; red granite 128. Water at 125.
Con I " 14 Con II " 4	G. Guenette C. Laberge	" "	Jan. 21 July 7	2 2	4 7	12 20	8 7	" "	D, S D	Red granite 20. Water at 19. Clay 50; gravel 54. Water from 50 to 54.
Stewart Twp. Con III lot 3	Ont. North- land Railway	W. Cochrane	July 21	2	1½	21	8	Fresh	D	Sand 18; sand gravel 23; gravel 24. Water from 20 to 24.
Strathcona Twp. Lands & Forests	Ont. Dept. Lands & Forests	J.J. Well Drilling " "	Mar. 26 Apr. 6 Apr. 8 Apr. 11	6 6 6 6	10 2 10 20	55 65 25 25	15 3 10 3	Fresh " " "	D D D D	Sand gravel 1; grey granite 40; green granite 65; grey granite 67. Water at 40 and 65. Boulders clay 4; white granite 40; green granite 41; white granite 65. Water at 40. Boulders gravel 8; white granite 33; brown granite 35. Water at 33. Clay gravel 3; brown granite 20; grey granite 35; red granite 40. Water at 20 and 35.

Strathly Twp.	Ont. Dent. Lands & Forests W. Spooner D. Garrot	J.J. Well Drilling E.R. Parcher	Apr. 14 Oct. 8 Oct. 23	6	20	16	5	Fresh	D	Loam 1; grey granite 28; red granite 30; grey granite 31. Water at 30. 66. Water at 64. Greenstone 134. Water at 129.
Thistle Twp.	Ont. Dept. Lands & Forests	E.R. Parcher	Feb. 25 Mar. 11	2	3	25 48	18 36	Fresh	D	Old drilled well 50; greenstone 96. Water from 65 to 95. Granite 80. Water at 78.
Timagami	Ont. Dept. Lands & Forests	Can. Longyear Ltd.	Nov. 30	2	3	25	19	Fresh	D	Granite 247. Water at 237.
West Ferris Twp.	Timagami Public School R. Neimi	E.R. Parcher	Mar. 17 Dec. 14	2	8	33	29	Fresh	P	Sand fill 6; granite 210. Water at 45, 58 and 195. Greenstone 260; Water at 256.
White Twp.	Con XI	Gateway Well Drilling P.C. Hammond Gateway Well Drilling J.J. Well Drilling P.C. Hammond J.J. Well Drilling Gateway Well Drilling Can. Longyear Ltd. J.J. Well Drilling	Oct. 17 May 18 June 10 Aug. 30 Jan. 30 Aug. 4 Dec. 4 July 15 May 28	2	4	2	2	Fresh	P	Yellow sand 30; coarse gravel 35; quartzite granite 211; red granite 223. Water at 212. Soil 9; granite 20. Water at 20. Overburden 48; red granite 321. Water at 190, 292 and 311. Sandy loam 4; grey granite 95; soft grey granite 96; grey granite 99. Water at 95. Clay 10; quicksand 18; granite 45; mud 46; granite 107. Water at 107. Clay boulders 8; grey granite 50; red granite 52; grey granite 60. Water at 50. Red sand 3; red granite 147. Water at 136. Granite 134. Water at 129. Lakeshore sand 20; sand gravel 30. Dry hole.
Widdifield Twp.	Con VI	National Re- search Council	Dec. 18	5	45	75	45	Fresh	P	Packed red sand 20; coarse sand 45; medium silica sand 80. Water from 45 to 80.
Widdifield Twp.	Con A	J.A. Lafontaine Drilling L.A. Perry Drilling L. Gervais Con A A. Landry B. Ettles Drilling	May 25 Aug. 13 Dec. 15 Oct. 31 June 22	2	9	54	9	Fresh	D	Grey sand 41; grey granite 250; red granite 301. Water at 288. Dug well 9; boulders clay 40; blue clay 50; clay gravel 54; gravel. Water at 54. Sand gravel 12; grey granite 19. Water at 12. Grey granite 15. Water at 15. Previously drilled well 38; grey granite 46. Water at 40.

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NIPissing DISTRICT - cont.										
Widdifield Twp. - cont.										
Con A lot 23	H. Ettles	J.J. Well " Drilling	June 22	6	2	40	10	Fresh	D	Drilled well 38; grey granite 46. Water at 40.
Con A " 23	M. Boissonneault	" Drilling	Nov. 19	6						Sandy loam 3; grey granite 36. Dry hole.
Con B " 8	Widdifield Lions Club	Gateway Well " Drilling	June 27	2	5	0	0	Fresh	P	Fine grey sand 85; red gravel 86. Water at 86.
Con B " 12	L. Ried	J.J. Well " Drilling	June 19	6						Dug hole 4; grey granite 53. Dry hole.
Con B " 13	A. Buckley	" Drilling	Nov. 21	6	1	21	12	Fresh	D	Dug well 12; gravel boulders 21. Water at 21.
Con B " 18	H.E. Ashman	" Drilling	Jan. 15	2	3	30	3	"	D	Sand 3; grey granite 150. Water at 138.
Con B " 18	L. Gordon	" Drilling	Jan. 18	2	2	15	0	"	D	Sand 3; grey granite 85. Water at 76.
Con B " 18	R.C. Bainbridge	" Drilling	June 24	2	1	20	0	"	D	Sand 3; grey granite 150. Water at 140.
Con B " 18	J. Ritchey	" Drilling	June 24	2	5	30	2	"	D	Sand 3; grey granite 440. Water at 420.
Con B " 18	D.G. Crozier	Can. Longyear Ltd. " Drilling	July 17	2	2	30	3	"	D	Overburden 4; granite gneiss 40. Water at 43.
Con B " 18	A. Lafontaine	J.J. Well " Drilling	Aug. 26	6	2	18	4	"	D	Boulders clay 12; sand gravel 18. Water from 12 to 18.
Con B " 18	A. Stoughton	J.L. Plon Ltd. " Drilling	Oct. 3	2	10	16	0	"	D	Brown clay 4; grey granite 149. Water to 120.
Con B " 18	B. Marxzlik	Jutras Const. Co. " Drilling	Oct. 24	2	1	18	12	"	D	Fine sand 3; grey granite 65. Water at 59.
Con C " 3	J. Guertin	Gateway Well " Drilling	June 17	2	6	12	12	"	D	Grey sand 20; red sand boulders 60; gravel boulders 78; red granite 96. Water at 96.
Con C " 11	D. Thomas	Inspiration Min- ing & Development Co. Ltd.	Aug. 31	2	2	14	8	"	D	Overburden boulders quicksand 43; red gravel 50. Water at 50.
Con C " 11	D.W. Milne	" Drilling	Nov. 11	2	2	118	29	"	D	Sand gravel 29; grey granite 169. Water at 160.
Con C " 13	J. Davidson	J.J. Well " Drilling	Jan. 31	6	10	105	4	"	D	Sand fill 8; red granite 100; grey granite 105. Water at 100.
Con C " 16	J. Bulcher	Jutras Const. Co. " Drilling	May 2	3	1 1/2	52	35	"	D	Quicksand boulders 78; red granite 301. Water at 288.
Con C " 16	C. Vipod	J.J. Well " Drilling	June 24	6	2	32	12	"	D	Boulders clay 25; sand gravel 32; grey granite. Water at 32.
Con C " 16	"	" Drilling	June 26	6	1 1/2	35	12	"	D	Boulders clay 30; sand gravel 35; grey granite. Water at 35.
Con C " 16	R. Kightley	" Drilling	June 30	6	2	36	10	"	D	Boulders clay 30; sand gravel 36; coarse gravel. Water at 36.
Con C " 16	J. Baroche	" Drilling	Aug. 11	6	1	50	10	"	D	Boulders clay 45; coarse gravel 50; grey granite. Water at 50.
Con C " 16	R. Langois	" Drilling	Aug. 17	6	1 1/2	41	10	"	D	Boulder clay 35; sand gravel 41; gravel. Water at 41.
Con C " 16	K. Kightley	" Drilling	Aug. 20	6	2	33	8	"	D	Boulder clay 25; sand gravel 33; boulders. Water at 33.
Con C " 16	Bullders	" Drilling	Aug. 24	2	1	20	8	"	D	Grey sand 30; red sand boulders 70; gravel boulders 82; red granite 186. Water at 78, 144 and 166.
Con C " 16	A. St. Jean	Gateway Well " Drilling	Sept. 8	6	1	26	5	"	D	Dug hole 4; boulder clay 20; coarse gravel 26; coarse gravel. Water at 26.
Con C " 16	J. Durocher	J.J. Well " Drilling	Sept. 15	6	1	22	5	"	D	Dug hole 4; boulders clay 18; coarse gravel 22; boulders. Water at 22.
Con C " 16	"	" Drilling	Sept. 17	6	1	28	3	"	D	Boulders clay 20; sand gravel 28; red granite. Water at 28.
Con C " 16	T. Larston	" Drilling	Dec. 31	6	1	25	10	"	D	Boulders clay 25; coarse gravel 28. Water at 28.
Con C " 17	R. Neilson	" Drilling	Dec. 22	6	2	70	8	"	D	Red shale 8; red granite 50; grey granite 70. Water at 50.
Con C " 17	Arnstean Equipment	" Drilling	Aug. 13	2						Grey gravel 12; red granite quartzite 258. Dry hole.
Con I " 12	G.S. Cook	Gateway Well " Drilling	Aug. 13	2						
Con I " 21	M. Guppy	E.R. Parcher " Drilling	June 28	2	3	22	14	Fresh	D	Drilled well 48; grey granite 168. Water at 157.
Con II " 21	Earlton Lumber Co. Ltd.	Gateway Well " Drilling	Dec. 15	2	3 1/2	4	4	"	D	Sand 26; light gravel 28; grey rock mica 138. Water at 131.
Con II " 22	E. Therub	Jutras Const. Co. " Drilling	Mar. 2	2	1 1/2	14	12	"	D	Sand 4; grey granite 88. Water at 80.
Con III " 15	S.C. Holmes	Gateway Well " Drilling	Nov. 6	2	6		32	"	D	Fine red gravel 15; fine grey sand 40; quicksand 63. Water at 63.

NIPISING DISTRICT - cont.

MISSISSIPPI DISTRICT - cont.											
Con IV	R. C. A. F.	International Water Supply Gateway Well Drilling	Apr. 25	2	35	22	1	Fresh	T	Gravel fill 2; black earth 3; grey silty sand 32; fine sand gravel 38; coarse sand gravel boulders 48; rock. Water at 2. Sandy soil 22; gravel boulders 28; gravel 34. Water at 31.	
Con IV	Bevacar Enterprises Ltd.		June 23	1	3	4	4	"	D		
NORFOLK COUNTY											
Con I	M. Ludwig	R. Hodgson	July 6	2	30	30	14	Fresh	Ir	Topsoil liyellow sand 8; clay sand 15; brown sand 20; coarse sand 30. Water from 20 to 30.	
Con I	D. Barnard	Norfolk Water Wells	Sept. 15	2	5	32	22	"	D	Light sand 9; grey sand 21; grey quicksand 32. Water at 22.	
Con I	F. Ashbaugh	G. A. Dennis & Sons	July 1	8						Sand 222; flint 240. Dry hole.	
Con I	"	"	July 6	7	1	80	65	Fresh	D	Fine sand 9; clay 24; coarse sand 50; quicksand 90. Water from 57 to 90.	
Con II	M. Margetan	R. Hodgson	June 2	5	3	100	80	Sulphur	D	Dug well 40; soupy sand 63; clay sand 75; soupy sand 150; clay 155; soupy sand 175; limestone 198. Water at 195.	
Con III	"	E. Stewart	Sept. 3	7	2 1/2		14	Fresh	D	Clay 40; quicksand 90. Dry hole.	
Con III	G. Vancouver-Loops	Norfolk Water Wells	Oct. 29	1						Open well 14; grey sand 20; clay 22; fine grey sand 28. Water at 14.	
Con III	H. Goode	"	July 28	2	175		21	"	Ir	Topsoil 3; clay 7; sand 32. Water from 23 to 32.	
Con III	C. Stencilik	R. Hodgson	Mar. 5	4	6	54	44	"	D	Topsoil 2; yellow sand 22; clay sand 38; sand 48; fine sand 56; coarse quicksand 64. Water from 56 to 64.	
Con III	"	"	Oct. 28	5	8	53	53	"	D, S	Topsoil 2; yellow sand 15; clay 45; fine sand 60; coarse sand 70. Water from 60 to 70.	
Con III	C. Ragz	"		4				"	D	Fill 5; clay 18; clay sand 32; fine sand 38; clay sand 52; coarse sand 61. Water from 52 to 61.	
Con III	A. Winters	"	May 17	4	5	51	31	"	D	Dug well 10; clay 22; fine sand 35; coarse sand 45. Water from 35 to 45.	
Con III	M. Steiner	"	Sept. 3	4	6	37	27	"	D	Topsoil 2; sand 12; clay 28; fine sand 48; coarse sand 55.	
Con III	H. Beagle	"	Apr. 15	4	2 1/2	32	12	"	D	Dug well 10; clay 22; fine sand 35; coarse sand 45. Water from 35 to 45.	
Con III	H. Lesage	T. Vankessel	July 7	2	10	38	38	"	D, S	Open well 3; blue clay 45; fine sand 51. Water at 51.	
Con V	M. De Morre	Norfolk Water Wells	Oct. 2	2	3		6	"	D, S	Open well 6; brown sand 9; brown quicksand 21. Water at 9.	
Con VI	School Area	R. Hodgson	Aug. 10	4	6	38	28	"	P	Topsoil 3; sand 14; clay sand 25; fine sand 35; grey sand 45. Water from 35 to 45.	
Con VI	B. R. Smith	T. Vankessel	Sept. 3	1	7	18	18	"	D	Topsoil 3; hard brown clay 18; fine sand 29. Water at 18.	
Con VI	W. Water	Norfolk Water Wells	Nov. 25	1	2 1/2		12	"	D	Open well 6; clay 12; brown sand 21. Water at 12.	
Con VI	R. Smith	R. Hodgson	Mar. 23	4	10	44	44	"	D, S	Yellow sand 6; clay 30; coarse sand 50; fine gravel sand 59. Water from 50 to 59.	
Con VIII	W. Sherman	S. Linton	Nov. 21	1	10		1	"	D	Black muck 1; fine quicksand 12. Water at 11.	
Con IX	C. Buffell	G. Warren	Nov. 30	5				"	N	Clay 45; sand 60; grey clay 138; shelly rock 152; brown limestone 158. Water at 158.	
Con IX	A. Lietser	T. Vankessel	Dec. 9	1	6	19	19	"	D, S	Topsoil 3; fine sand 33. Water at 19.	
Con IX	R. DeBackere	J. H. Weaver & Son	Aug. 10	1	8		15	"	D	Topsoil 4; yellow sand 7; white sand 15; brown quicksand 25. Water at 15.	
Con IX	N. Harvath	"	Aug. 11	1	8		23	"	D, S	Open well 4; yellow sand 23; grey quicksand 32. Water at 23.	

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. Charlotteville Twp. - cont.										
Con IX lot 22	W.G. Smith Lumber Co.	E. Stewart	Oct. 10	7	25	75	17	Sulphur	D, S	Yellow sand loam 15; blue clay sand 40; coarse sand gravel blue clay 42; quicksand 120; blue clay tones 166; fine sand coarse sand gravel fine silt 170. Water from 166 to 170. Dark sand 4; hard clay 8; coarse sand 10; fine sand 20. Water at 20.
Con IX " 22	"	T. Van Kessel	Oct. 15	1	4	20	20	Fresh	D	Sand 20; coarse sand 29. Water at 23.
Con IX " 23	J. Czynczak	"	Oct. 19	2	7 1/2	23	23	"	N	Open well 20; fine sand 27; grey clay 29; grey sand 39. Water at 20.
Con X " 3	S. Potz	Norfolk Water Wells	Sept. 20	1	1		20	"	N	Topsoil 2; yellow sand 12; brown sand 20; coarse brown sand 25. Water from 20 to 25.
Con X " 7	M. Hungler	R. Hodgson	June 23	2	4		11	"	Ir	Yellow sand 5; quicksand 12. Water at 4.
Con X " 14	P. Staib	S. Linton	Oct. 13	1	6	12	4	"	D	Medium sand 14; fine sand 19. Water at 14.
Con XI " 3	B. Linn	T. Van Kessel	Oct. 6	1	3	14	14	"	D	Red sand 22; gravel sand 30; soft clay 57; quicksand 67. Water from 57 to 67.
Con XII " 1	G.M. Braun	G. Warren	Dec. 18	5	5	53	31	"	D	Pit 4; sand muck 10; grey sand 25; soupy sand 33; clay 176; limestone 202. Water at 202.
MLP Con A " 12	J. Casselton	R. Hodgson	July 27	4	30		Flows	"	D	
Houghton Twp.										
Con III lot 8	D. Graham	W. Belore	Apr. 9	1	6		8	Fresh	D	Red sand 8; sand clay 14; light sand 18; quicksand 30. Water at 18.
Con III " 11	H. Stilwell	L. Hodgson & Sons	Sept. 25	1	8 1/2		7	"	"	Pine dark sand 7; fine sand 12; coarse sand 27. Water at 7.
Con IV " 2	M. Masschaele	J.H. Weaver & Son	July 21	2	75		7	"	Ir	Sand fill 1; black topsoil 2; yellow sand 7; grey quicksand 20. Water at 7.
Con V " 8	G. Nethercott	"	Apr. 25	1	4		12	"	D	Topsoil 1; yellow sand 12; light grey quicksand 23; clay hard-pan 23; dark grey quicksand 30. Water at 12.
Con VI " 8	F. Millen	L. Hodgson & Sons	Sept. 5	1	7		8	"	D	Dark sand loam 8; fine sand 28; medium quicksand 39. Water at 8.
Con VI " 9	J. Peters	J.H. Weaver & Son	Apr. 18	1	10		8	"	D, S	Topsoil 1; yellow sand 8; brown quicksand 12; grey quicksand 23. Water at 12.
Con VII " 4	M. Renneboog	H. Stewart	Sept. 12	7	16	227	30	"	D	Topsoil 14; clay 80; putty sand 90; blue clay 155; putty sand 170; blue clay 290; gravel clay 316; black shale 347. Water at 347.
LEN " 2	A. More & Sons Ltd.	J.H. Weaver & Son	June 13	1	8		15	"	D	Pit 5; white sand 15; white quicksand 25. Water at 15.
LEN " 10	J. Balthes	W.E. Locker	July 2	2	2		30	"	D	Light yellow sand 13; medium grey sand 17; white sand 27; red brown sand 28; quicksand 37; fine quicksand 39. Water at 30.
NEW " 6	N. Norman	C.B. Norman	Sept. 10	2	5		8	"	D, S	Coarse sand 10; quicksand 15; red shale 15 1/2; coarse sand 27. Water at 15 1/2.
NEW " 8	C. Braun	J.H. Weaver & Son	Oct. 2	1	8		10	"	Ir	Topsoil 1; yellow sand 4; white sand 10; light brown quicksand 13. Water at 10.
THS " 140	D. Mabee	"	Oct. 15	1	8		4	"	D	Open pit 4; brown putty sand 7; blue clay 8; blue quicksand 20. Water at 4.
Middleton Twp.										
LEN Con I lot 3	J. Strobl	W. Belore	July 15	2	340		8	Fresh	Ir	Red sand 6; brown sand 10; quicksand 37. Water at 10.
LEN Con I " 16	Backus Lumber Co.	L. Hodgson & Sons	May 14	1	11		14	"	D	Sandy topsoil 14; fine quicksand 19; coarse quicksand 27. Water at 14.
LEN Con I " 19	M. Staub	G. Warren	Sept. 25	5	4	100	22	"	D	Open well 30; clay 102; dirty sand 105; clay 120; quicksand 130. Water from 120 to 130.
LEN Con I " 20	C. Swatbridge	"	Apr. 23	5	6	22	14	"	S	Open well 12; grey clay 50; putty sand 65; quicksand 75. Water from 65 to 75.
LEN Con I " 22	W. Davies	W.E. Locker	Aug. 20	2	3		14	"	P	Gravel 1; brown sand 3; grey sand 35; quicksand 53. Water at 35.



NORFOLK COUNTY - cont.

TRN Con I	lot 22	H. Wels	W.A. Belore	Dec. 26	1	4	14	12	Fresh	D	Red sand 5;dark sand 8;clay 18;quicksand 35. Water at 18.
TRN Con I	lot 22	Middleton Twp.-	G.A. Dennis & Sons	July 13	5	65	52	50	"	D	Dug well 44;sand 57;water from 52 to 57.
TRN Con II	" 44	O.Vanderhoeve	J.H. Weaver & Son	Mar. 18	2	5	5	10	"	D,S	Open well 10;blue putty sand 27. Water at 10.
TRN Con II	" 12	B. Lambert	G. Warren	Jan. 12	5	8	75	67	"	D,S	Yellow sand 8;grey clay 84;sand 92. Water from 84 to 92.
TRN Con II	" 17	M. Harvey	"	Aug. 12	5	38	38	13	"	D,S	Yellow sand 8;grey clay 61;sand 73. Water from 61 to 73.
TRN Con II	" 48	J. Majcher	I. Smelser	Apr. 1	8	72	125	18	Sulphur	Ir	Topsoil 3;sand clay 139;limestone 172. Water at 162.
TRN Con II	" 48	G. LaPeyre	S. Linton	June 13	2	11	11	10	Fresh	N	Basement 5;sand 18;fine gravel 21;clay. Water at 18.
TRN Con II	" 48	T. Botzang	W. Belore	July 30	2	11	11	10	"	N	Red sand 5;white sand 10;sand 25;clay. Water at 10.
TRN Con III	" 10	B. Sandham	G. Warren	July 18	5	5	85	60	"	D,S	Clay stones 40;putty sand stones 90;sand 103. Water from 90 to 103.
TRN Con III	" 13	J. Seres	"	Jan. 30	5	8	39	27	"	D,S	Yellow sand 30;dry sand 38;sand 60. Water from 38 to 60.
TRN Con III	" 13	W. Northgraver	J.H. Weaver & Son	June 3	5	8	39	27	"	C	Fit 4;white sand 19;brown quicksand 29. Water at 19.
TRN Con V	" 3	C. Kennedy	W.E. Lockner	Sept. 9	5	4	65	40	"	D	Brown clay 2;blue clay 59;fine sand 70. Water at 59.
TRN Con I	" 10	A. Zel	J.H. Weaver & Son	May 5	5	4	65	21	"	D	Dug well 23;brown quicksand 35;grey quicksand 38. Water from 21 to 38.
TRN Con I	" 14	N. Miller	W. Belore	July 9	2	150	5	5	"	Ir	Dark sand 4;sand 23. Water at 5.
TRN Con I	" 21	R.C.S.S.# 2	G. Warren	July 16	7	10	43	5	Sulphur	P	Yellow sand 10;clay pebbles 167;shelly rock 169;limestone 171. Water at 171.
TRN Con I	" 23	C. Burnett	W. Belore	Apr. 1	2	11	18	9	Fresh	D	Open pit 6;red sand 10;brown sand 16;clay 30;white sand 38;sand 52. Water at 30.
TRN Con I	" 23	W. Belore	"	June 5	2	4	18	9	"	D	Dark sand 4;clay 20;sand 41. Water at 20.
TRN Con I	" 23	J. Northgraves	"	July 17	1	3	10	10	"	D	Red sand 9;sand 27. Water at 10.
TRN Con I	" 24	Middleton Twp	G. Warren	Aug. 8	5	3	32	20	"	P	Yellow sand 8;grey clay 38;sand 52. Water from 38 to 52.
TRN Con I	" 27	A. Brunt	"	Aug. 11	5	10	24	19	"	C	Yellow sand 8;grey clay 36;sand 50. Water from 36 to 50.
TRN Con I	" 30	P. Lannoo	S. DeGroat	Sept. 29	1	6	9	9	"	D	Sandy clay 1; gravel clay 5;sand 8;coarse sand 18. Water at 9.
TRN Con I	" 33	A. Denil	G. Warren	Oct. 20	5	72	92	42	Sulphur	S	Clay 30;putty sand 160;clay 177;shelly rock 185. Water at 185.
TRN Con II	" 11	W. Pastor	W. Belore	Aug. 21	1	6	18	18	Fresh	D,In	Red sand 5;brown sand 7;grey clay 20;white sand 24;sand 42. Water at 24.
TRN Con II	" 15	J. Cservid	"	Oct. 31	2	72	24	20	"	D	Dark sand 3;clay 29;putty sand 50;sand 65. Water at 30.
TRN Con II	" 16	A. Barta	J.H. Weaver & Son	Apr. 2	1	5	5	5	"	D,S	Topsoil 2;yellow sand 8;grey sand 19. Water at 5.
TRN Con II	" 37	A. Varga	"	Aug. 3	1	5	5	5	"	D,S	Topsoil 1;yellow sand 5;brown quicksand 10;brown sand. Water at 5.
TRN Con IV	" 28	R. Buffel	W.E. Lockner	May 5	1	5	13	13	"	D	Black sand 1;yellow sand 12;boulders 14;grey sand 28;coarse sand 35. Water at 28.
North Walsingham Twp.	Con VII lot 3	N. Demalter	L. Hodgson & Sons	July 14	1	10	8	8	Fresh	D,S	Sand 8;medium sand 14;sharp sand 28. Water at 8.
Con VIII	" 19	M. Loetz	R. Hodgson	Nov. 23	5	5	40	24	"	D,S	Topsoil 2;yellow sand 15;clay sand 40;fine sand 49. Water from 40 to 49.
Con VIII	" 24	M. Schweitzer	C. Strome	Sept. 15	2	3	10	10	"	N	Surface 4;dark sand 11;white sand 18; medium sand 23. Water at 16.
Con VIII	" 24	"	"	Sept. 30	2	3	12	12	"	D	Surface 4;dark sand 10;white sand 17;fine coarse sand 30. Water at 16.
Con IX	" 13	J. VanDamme	L. Hodgson & Sons	Apr. 10	1	5	7	20	"	D,S	Top sand 7;sand 92. Water at 7.
Con IX	" 24	J.A. Patterson	C. Strome	Dec. 6	4	1	7	7	"	N	Fine sand 18;brown coarse sand 26;sand shale 27;fine sand 35
Con XI	" 13	D. Overbaugh	G. Warren	Apr. 14	5	6	37	9	"	D	Water at 27. Yellow sand 18;putty sand 48;dirty sand 58;sand 62. Water from 58 to 62.
Con XI	" 21	D. Shnessel	"	Apr. 7	5	4	88	60	Oil, Gas	N	Yellow sand 12;putty sand 87;grey clay 182;grey brown limestone 18;grey limestone 200. Water at 183.
Con XII	" 11	J. DePaep	S. DeGroat	July 6	1	5	12	12	Fresh	D	Sand 20. Water at 12.
Con XIII	" 9	Lake Erie Tobacco Co.	L. Hodgson & Sons	Dec. 15	1	7	25	25	"	Ir	Drift sand 8;dry sharp sand 25;sharp sand 39. Water at 25.
Con XIII	" 13	A. VanDevoorde	J.H. Weaver & Son	May 27	1	8	9	9	"	D	Topsoil 1;yellow brown sand 12;hardpan 18;grey sand 25. Water at 9.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. North Walsingham Twp.	P. Clary	L. Hodgson & Sons	Oct. 10	1	7		14	Fresh	D	Fine light sand 14; fine sand 22; sharp sand 30. Water at 14.
	C. DeBackere	"	July 18	1	15		8	"	D	Fine sand 8; sharp sand 24. Water at 8.
	C. Descamps	W.A. Belore	Oct. 14	2	11		10	"	D	Red sand 5; white grey sand 10; sand 30. Water at 10.
	Kolbe Mink Ranch	E. Stewart	May 2	7	13		145	Fresh	In	Surface red clay 88; grey brown hard limestone 150. Water at 126 and 146.
Port Dover										
Simcoe	Dept. Of Re- con Inst.	C. Goodberry Well Drilling Ltd.	Jan. 28	7	43		160	Sulphur	P	Fine sand 7; clay boulders 38; fine sand 41; grey clay 98; fine silty sand 103; hardpan 175; limestone 178. Water at 177.
Simcoe	D. Vonskel	T. Vankessel	July 25	2	8		38	Fresh	D	Sand 33; medium sand 42. Water at 38.
Simcoe	Simcoe P.U.C.	International Water Supply Ltd.	Oct. 15	2				"	T	Brown clay 10; soft silty clay 40; coarse sand 47; clay gravel 58; sand 74; hard clay 79. Water at 40 and from 55 to 74.
Simcoe	"	"	Oct. 19	2				"	1-59	Topsoil 1; sandy brown clay 5; brown clay 16; sandy clay gravel 40; hard clay 73; hard streak 74; sandy clay gravel 80; clay 89; shale.
Simcoe	"	"	Oct. 22	2				"	2-59	Topsoil 1; dirty sand 4; clay 9; sandy clay 14; clay 20; sandy clay 67; clay silt 81; sand 85; clay gravel boulders 90; sand 92; clay boulders 96; soft clay 105; soft silty clay 119; clay hard rock 142.
Simcoe	"	"	Oct. 23	2			46	Fresh	T	Topsoil 2; sandy clay 5; brown clay 17; silty blue clay 35; clay 46; fine sand 78; fine gravel 79; clay gravel 81.
Simcoe	"	"	Oct. 27	2				"	4-59	Brown clay 20; silt 23; gravel 28; soft silty clay 40; clay 43; gravel 44; silty clay 74; soft clay 83; clay gravel 138; rock.
Simcoe	"	"	Oct. 29	2				"	5-59	Topsoil 1; sand 5; brown clay 27; soft blue clay 33; clay 54; gravel 55; clay 92; sand 94; clay 110; clay gravel 153; rock. Dry hole.
Simcoe	"	"	Oct. 31	2				"	6-59	Fill 10; gravel 16; clay small gravel streaks 20; clay 38; soft clay 55; clay gravel 69; rock.
Simcoe	"	"	Nov. 3	2				"	7-59	Topsoil 1; brown clay 10; sand gravel 27; soft shale 33; shale clay gravel 56; clay 118; soft silty clay 129; clay 139; rock.
Simcoe	"	"	Nov. 5	2				"	8-59	Topsoil 1; brown clay 5; silt sand 15; clay gravel 27; clay 126; clay gravel 130; gravel 131; rock.
Simcoe	"	"	Nov. 9	2				"	9-59	Topsoil 1; fine sand 17; silty clay 20; silt sand 32; tight silt sand 40; soft clay 77; silty clay 87; clay gravel 100; rock.
Simcoe	"	"	Nov. 11	2				"	10-59	Black muck 5; black muck sand 11; soft clay 25; clay 38; soft clay 78; clay gravel 85; rock.
Simcoe	L. Smith	J.H. Weaver & Son	Oct. 4	1	8		20	"	11-59	Open well 14; blue stone hardpan 17; coarse gravel 18; blue stone hardpan 20; brown sand 40.
South Walsingham Twp.	C. Mattan	L. Hodgson & Sons	July 15	1	10		6	Fresh	D	Top sand 6; medium sand 12; sharp sand 26. Water at 6.
	W.M. Knowles	"	Oct. 12	1	10		8	"	D, S	Dry sand 10; sharp sand 26. Water at 10.
	H. Robinson	"	Oct. 13	1	8 1/2		8	"	D, S	Fine sand 10; coarse sand 24. Water at 10.
	A. Solga	"	Nov. 1	1	7		6	"	D	Fine sand 6; sharp sand 14. Water at 6.
	H. Armstrong	"	Oct. 25	1	7		13	"	D	Sandy topsoil 13; silty sand 21; medium sand 27. Water at 13.
	P. Adler	G. Warren	Mar. 27	5	5 1/2		9	"	D, S	Yellow sand 14; sand 31. Water from 14 to 31.
Townsend Twp.	S.S.# 9	I. Davis	Dec. 21	6	10		20	Fresh	P	Sand stones 30; quicksand 60; blue clay 70; grey limestone clay 85; water at 86.
Con II	J. McLaughlin	G.A. Dennis & Sons	July 17	8	30		40	"	Ir	Sand 18; clay sand 49; clay 63; brown limestone 90 1/2. Water at 71.

NORFOLK COUNTY - cont.												
Townsend Twp. - cont.	lot	cont.										
Con II	7	" 23	F. Phillipowich	July 20	5	10	22	8	Fresh	D	Sand 18;white clay sand 25. Water at 18.	
Con III	"	" 23	R. Sonnenburg	June 15	6	20	35	25	"	S	Clay 82;limestone 85. Water at 82.	
Con IV	"	" 15	T. Zawalski	Oct. 10	5	20	52	Flows	"	D,S	Light clay sand 20;quicksand 38;brown limestone 56. Water at 52.	
Con IV	"	" 24	C. Nelson	July 18	7	40	50	14	"	D	Surface clay 77;sand 80. Water at 77.	
Con V	"	" 7	J. Biro	Oct. 20	6	20	55	45	"	D	Sand 137;grey limestone 152. Water at 147.	
Con V	"	" 13	D. Rajewski	Oct. 22	5	5	47	14	"	D	Fine sand 4;sand gravel 19;yellow clay 43;brown limestone 55. Water at 54.	
Con VI	"	" 4	L. Vince	July 2	7	30	77	6	"	D	Blue clay 90;brown limestone 103. Water at 103.	
Con VI	"	" 9	J. Lamarre	Feb. 25	1	8	30	30	"	D	Brick open well 32;brown quicksand 36;brown coarse gravel 42. Water at 30.	
Con VII	"	" 12	R. Dohaniuk	Aug. 15	7	60	16	16	"	D	Clay hard heads 64;brown limestone 80. Water at 78.	
Con VII	"	" 13	J. Symchishky	Nov. 24	6	12	28	12	"	D,S	Sand 15;clay 56;flint 66. Water at 63.	
Con VII	"	" 14	E. Sarafinski	Sept. 29	5	1	90	10	Sulphur	D,S	Dug well 27;clay 44;clay gravel 49;brown limestone 95. Water at 94.	
Con VII	"	" 18	Villa Nova Creamery Products	Mar. 19	10	23	55	15	Fresh	In	Black clay 24;hard grey limestone 68;hard brown limestone 104. Water at 65 and 103.	
Con VII	"	" 18	A. Goble	Oct. 1	6	3	85	42	"	S	Clay 49;flint 80;limestone 90. Water at 87.	
Con VII	"	" 21	M. Solenbourg	May 4	6	20	25	22	"	S	Clay 21;flint 53;limestone 92. Water at 59.	
Con VIII	"	" 5	W. Charnock	Sept. 15	8	15	90	47	"	D,In	Sand gravel 18;coarse sand 90;sand coarse gravel 125;brown limestone 131. Water from 90 to 125 and 126.	
Con VIII	"	" 11	R. Maracle	Nov. 16	6	10	70	25	"	D	Sandy clay 95;flint 100. Water at 97.	
Con IX	"	" 10	E. Fritscher	Aug. 31	6	20	40	12	"	D	Sandy clay 70;sand 90;blue clay 98;flint 105. Water at 102.	
Con IX	"	" 10	M. Paster	Sept. 24	7	5	30	10	"	D	Sandy loam 40;sand 42. Water at 42.	
Con IX	"	" 11	J. Skotnick	Sept. 22	7	200	30		"	D,Ir	Clay gravel hard heads 119;hard brown lime 188. Water at 123 and 132.	
Con IX	"	" 14	P. Operko	Aug. 27	7	60	20	20	Sulphur	D,S	Clay hard heads 60;hard brown limestone 110;brown limestone shale 138. Water at 97 and 137.	
Con X	"	" 3	J. Cloet	June 25	7	135	75	16	Fresh	Ir	Loam sand 50;quicksand 110;hard blue clay 131;sharp brown limestone 165. Water at 164.	
Con X	"	" 15	W. Verhoef	Aug. 15	7	60	19	19	"	D	Clay hard heads 63;brown limestone 73. Water at 70.	
Con XI	"	" 14	A. Deming	Nov. 10	6	5	50	11	"	S	Clay 46;flint 64. Water at 60.	
Con XII	"	" 12	R. Smith	Sept. 23	6	2	50	27	Sulphur	D	Sand stones 30;sandy clay 72;flint 87. Water at 85.	
Con XIV	"	" 5	L. Schuyler	Aug. 29	5	6	55	35	Fresh	D	Topsoil 31;fine sand 25;clay 35;soupy sand 150;limestone 153. Water at 153.	
Con XIV	"	" 21	S. Winnette	Aug. 23	6	8	45	23	Sulphur	D	Clay 51;flint 63. Water at 60.	
Waterford			A. Gamble	Nov. 23	3	3	30	15	Fresh	D	Topsoil 31;coarse soil stone 24;gravel 27;coarse medium sand 40. Water at 30.	
Windham Twp.	lot 3		W. Takacs	Mar. 17	6	10	46	25	Fresh	D,In	Dug well 31;coarse sand 50;fine sand 59;coarse sand 83. Water from 70 to 83.	
Con I	"	" 4	J. Byke	Mar. 25	8	7	25	25	"	D,S	Topsoil 2;brown clay stone 10;white sand hardpan 35;coarse sand 47. Water at 35.	
Con II	"	" 17	A. DeMuelner	Nov. 6	5	15	8	2	"	D	Clay 75;fine dirty sand 103;shelly rock 104. Water at 104.	
Con III	"	" 19	A. Jakob	Nov. 2	5	6	22	12	"	D	Clay 35;sand 40. Water from 35 to 40.	
Con IV	"	" 21	S. Lee	May 8	5	4	31	26	"	D,S	Well 29;yellow sand 60;sand 67. Water from 60 to 67.	
Con IV	"	" 23	A. Abare	May 7	5	8	42	37	"	D,S	Well 25;clay stones 50;sand 70. Water from 56 to 70.	
Con IV	"	" 24	L. Day	May 9	5	6	34	26	"	D	Yellow sand 4;clay stones 30;dirty gravel 49;sand 55. Water from 49 to 55.	

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. Windham Twp. - cont. Con V lot 7	T. Siba	G. Warren	June 24	5	10	30	25	Fresh	D	Yellow clay stones 8; clay gravel 32; sand 40. Water from 32 to 40.
Con VI " 9	M. Bergman	E. Stewart	Oct. 27	7	30	22	22	"	Ir.	Loam gravel hard heads 25; quicksand 155; blue clay 159; loam brown limestone 250. Water at 235 and 249.
Con VI " 10	M. Fekelman	"	July 29	7	250	40	4	"	Ir	Loam gravel 25; blue clay 90; quicksand 120; blue clay 134; brown limestone 185. Water at 180.
Con IX " 13	G. Ammerman	G. Warren	Nov. 18	5	10	50	10	"	D	Open hole 10; clay 60; dirty gravel 75; clay 106; fine gravel 107. Water from 106 to 107.
Con X " 7	T. Storey	R. Hodgson	July 8	2	90		14	"	Ir	Yellow sand 11; clay 13; fine sand 21; brown sand 30. Water from 21 to 30.
Con X " 22	J. Dadurka	G.A.Dennis & Sons	June 9	7	50	55	55	"	D	Sand 105; clay sand 140; clay 158; brown limestone 168. Water at 167.
Con X " 24	T. Vansteenkiste	J.H.Weaver & Son	May 22	2	4		45	"	D	Fit 6 white sand 15; brown clay big stone 18; white sand 40; brown sand clay 45; brown quicksand 47; blue clay 48; blue putty sand 57; blue quicksand 60; blue clay 48; blue medium sand 8; quicksand 20; red shale 22; fine sand 30; coarse sand 48. Water at 22.
Con XI " 22	F. Dickie	C.B. Norman	July 20	2	6		14	"	D	Yellow clay stones 10; soft clay putty sand 38; grey clay 80; limestone 92. Water at 92.
Con XI " 24	L. Wytos	G. Warren	June 23	5	2 1/2	75	5	Sulphur	F	Dark sand 5; brown sand 15; clay 30; sand 47. Water from 15 to 47.
Con XII " 7	J. Bouckhuys	W. Belore	May 12	2	6		16	Fresh	D	Open hole 4; sand 30; grey clay 58; sand 61. Water from 58 to 61.
Con XII " 23	C. Smith	G. Warren	Dec. 4	5	10	40	25	"	D, S	Fine sand 20; hard brown clay 26; fine sand 39; medium gravel 45. Water at 39.
Con XII " 8	M. Paczay	T. Vankessel	Dec. 18	2	6	39	39	"	D	Topsoil 18; yellow sand 4; white sand 15. Water at 4.
Con XIV " 21	G. Reynaert	J.H.Weaver & Son	May 26	1	8		4	"	D	Sand 20; medium sand 28. Water at 21.
Con XIV " 18	B. Bullock	T. Vankessel	June 16	2	7	21	21	"	D	Fine sand 15. Water at 7.
Con XIV " 24	K. Pankow	W. Burwell	May 15	1	4	18	16	"	D	Yellow sand 25; fine sand 33. Water from 25 to 33.
Con XIV " 24	A. Brotz	S. Linton	July 29	1	10		7	"	D	
Con XIV " 24	Grand Garden Restaurant	G. Warren	Nov. 20	5	4	26	10	"	C	
Windhouse Twp. BF lot 2	L. Brown	R. Hodgson	Aug. 25	5	1 1/2		100	Fresh	D	Topsoil 2; yellow sand 12; clay 60; soupy sand 144; white limestone 165; flint 200. Water from 165 to 200.
BF " 3	J. Plumb	"	Mar. 18	5	3	70	20	Sulphur	D	Yellow sand 8; clay 35; soupy sand 110; clay 118; soupy sand 144; clay sand 148; limestone 160. Water at 159.
BF " 4	M. Schenberg	"	Aug. 21	4	2	80	35	"	D, S	Clay 35; soupy sand 65; clay 115; soupy sand 127; limestone 132. Water at 130.
Con I " 21	E. Platwala	G.A.Dennis & Sons	Oct. 20	5	10	48	47	"	D	Yellow clay 39; flint 59. Water at 57.
Con III " 1	G. Richmond	T. Vankessel	Feb. 4	2	5		20	Fresh	D	Medium sand 20; coarse gravel 24. Water at 20.
Con IX " 4	J. Diemond	R. Swayze	Nov. 5	6	20	30	28	Sulphur	D	Clay 36; limestone 85. Water at 80.
Con VI " 7	J.N. Roxburgh	T. Vankessel	June 23	1	7	8	8	Fresh	D, C	Sand 4; hardpan 4 1/2; blue clay 8; fine sand 14. Water at 8.
Con VI " 19	W. Melanck	R. Hodgson	Sept. 23	6	1	100	40	Sulphur	D	Clay 12; sand 35; clay 43; sand 94; flint 150. Water from 140 to 150.
Gore " 4	J. Mieser	R. Swayze	Dec. 16	5	20	50	50	"	S	Clay 44; flint 95. Water at 94.
Gore " 11	J. McBride	S. Linton	Nov. 6	1	10		20	Fresh	C	Basement 5; sand 20; soft blue clay 29; coarse gravel 42.
Gore " 11	R. Laddlaw	T. Vankessel	Nov. 12	2	7 1/2	34	34	"	D	Hard brown clay 22; soft blue clay 29; coarse gravel 42.
Gore " 11	"	"	Nov. 26	2	7	39	39	"	D	Hard brown clay 20; blue clay 25; hard fine sand 30; putty sand 40; coarse gravel 46. Water at 39.
Gore " 12	M.H. Emerson	"	July 15	2	8	40	40	"	D	Hard clay 15; blue clay 35; coarse sand 38; hardpan 40; gravel 40. Water at 40.
Gore " 12	B. Sheppard	S. Linton	Oct. 2	1	12		12	Fresh	D	Sand 4; gravel stones 19. Water at 12.

lot 14	M.J. Simpson	N. Gilbert	July 4	6	4	112	82	Fresh	D	Topsoil 1; brown clay boulders 15; blue clay 100; sand gravel 112. Water at 112. Dug well 31; quicksand 24; clay gravel 250. Water at 250. Sand gravel 40; blue clay 78; sand gravel 85. Water at 85.
Con IV Con VI	A. Trustram E.N. McDonald	B. Halford N. Gilbert	May 16 May 22	6 6	3 10	250 60	124 23	" "	D D	
Brighton	J. Mobbs	J.W. Summers & Son	June 14	5	10	50	40	Salty	D	Light brown sandy soil 10; clay gravel 26; limestone 65. Water at 65.
Brighton	G.E. Ward	J. Bailey	June 30	5	7	6	6	Fresh	D	Gravel clay 9; limestone 48. Water at 48.
Brighton	S. Wilson	J.W. Summers & Son	July 3	5	3	15	5	"	D	Brown topsoil 4; shale 12; limestone 25. Water at 25.
Brighton	J. Marton & J. Poltrnski	J. Bailey	July 6 July 20	5 5	3 7	18 6	8 6	" "	D D	Topsoil 1; gravel clay 10; limestone 28. Water at 28. Brown clay 5; limestone 21. Water at 21.
Brighton	H. Cochrane	"	July 23	5	7	5	5	"	D	Brown clay 6; limestone 24. Water at 24.
Brighton	B. Randall	"	Aug. 2	5	3	5	8	"	D	Topsoil 3; gravel clay 2; limestone 17. Water at 17.
Brighton	G. Randall	"	Aug. 4	5	3	8	8	"	D	Gray shale 4; limestone 24. Water at 24.
Brighton	C. Knott	"	Aug. 7	5	5	8	8	"	D	Brown clay 4; limestone 21. Water at 21.
Brighton	I. & D. Bain	"								
Brighton Twp.	C. Barniskl Con A Con A Con A	H.E. Jones & Son " " "	Aug. 12 Nov. 2 Nov. 9	6 6 6	1 1 3	7 3 25	7 3 25	Saltpur Fresh "	D D D	Post hole 8; hardpan 10; limestone 24. Water at 22. Dug well 12; hardpan 17; gravel 18. Water at 18. Clay 3; brown hardpan boulders 25; grey hardpan gravel 52; clay 65; gravel 70. Water at 70.
Con A	J. Darling	"	Sept. 26	6	10	14	4	Iron	D	Dug well 15; clay 40; gravel clay 45. Water at 45.
Con A	B. Reddon	J.W. Summers & Son	June 27	5	1	14	12	Fresh	D	Dug well 18; grey clay stones 43. Water at 43.
Con C	W.L. Fickering	J. Bailey	July 7	5	10	17	7	"	D	Black soil clay 17; shale 21. Water at 20.
Con II	J. Vandemeren	"	Aug. 5	5	5	10	6	"	D, C	Topsoil 1; fine sand 22; limestone 28. Water at 28.
Con II	M. Chatterson	J.W. Summers & Son	Sept. 12	5	3	41	20	"	D	Light brown sand 15; fine silty sand 68; coarse sand gravel 71. Water at 68.
Con II	Ont. Dept. of Highways	B. Summers	Sept. 28	6				"		Topsoil 4; blue boulders 107. Dry hole.
Con II	"	"	Sept. 28	6	10	25	12	Fresh	P	Blue clay boulders 15; hardpan 60; sand gravel 98. Water at 90
Con II	"	"	Sept. 30	6				"		Topsoil 4; blue clay boulders 70. Dry hole.
Con II	"	"	Oct. 2	6				"		Topsoil 4; blue clay boulders 80. Dry hole.
Con III	P. Bedore	J.W. Summers & Son	Nov. 18	5	3	36	33	Fresh	D	Light brown sandy soil stones 15; boulders clay 30; hardpan 51; sand gravel 53. Water at 53.
Con III	H. Stone	"	Sept. 26	5	9	50	35	Fresh	D, S	Dug well 20; sandy soil 30; blue clay 80. Dry hole.
Con III	H.G. Ireland	H.E. Jones & Son	Apr. 43	6				"		Dug well 13; hardpan 53; grey clay 76; sand 94; hardpan boulders 107; sand 140; clay 150; gravel 162. Water at 162.
Con III	L. Chattan	"	Mar. 31	6	5	150	140	"	D, S	Brown loam 5; hardpan 25; silty sand 75; blue clay 90; hardpan gravel sand 160; fine gravel sand 180. Water at 160.
Con III	E. Stewart	"	Nov. 20	6	2	275	125	"	S	Dug well 17; gravel hardpan 31; fine sand 150; quicksand silt 288; grey clay 303. Water at 300.
Con VII	S. Wright	H.E. Jones & Son	Apr. 21	6	5	9	9	"	D	Sand gravel 70; hardpan 73; gravel 77. Water at 77.
Con IX	G. Buchanan	"	Jan. 15	6	3	33	17	"	D, S	Dug well 18; boulders hardpan 46; gravel 49. Water at 46.
PP	Dr. K. Dean	"	June 4	6	1	17	17	"	"	Clay 3; shaly limestone 16; limestone 75. Water at 75.
PP	G. Quick	"	June 8	6	5	20	17	"	C	Sand boulders 6; limestone 45. Water at 45.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORTHUMBERLAND COUNTY Cont. Brighton Twp. - cont. PP	Dept. of Lands & Forests " " " " " "	B. Summers & Son " " " "	Oct. 17 Oct. 20 Oct. 25 Oct. 31	6 6 6 6	30 30 2 1½	42 15 60 70	12 6 35 23	Fresh " " Salty	P P P D	Fine brown sand 45; brown clay 69; limestone 150. Water at 70. Topsoil 2; brown sand 6; limestone 34. Water at 25. Brown sand 12; limestone 80. Water at 60. Topsoil 2; brown sand 6; limestone 100. Water at 70.
Cramahe Twp. BF BF BF Con I	H.W. Brooker F. Amodeo R. Barber M.C. Sharp	H.E. Jones & Son " " J.W. Sumner & Son	July 11 July 13 July 13 Oct. 29	6 6 6 5	7 7 7 3	9 9 2 53	6 4 " 33	Fresh " " "	D D D D	Clay 3; hardpan 6; limestone 19. Water at 12. Clay 6; shaly limestone 11; limestone 20. Water at 20. Sand 3; clay 6; shaly limestone 20; limestone 20. Water at 20. Dark brown soil 5; grey clay gravel 28; limestone 100. Water at 55½. Brown soil 9; grey clay gravel 55; fine sand 68; sand coarse gravel 70. Water at 70. Black muck, 20; blue clay 30; medium gravel 33. Water at 33. Fine sand 10; coarse sand 117. Water from 75 to 117.
Haldimand Twp. Con A Con A Con A Con A Con A	L. Rice J. Berry J. Knight E. Helps B.A. Service Station British Amer- ican Oil Co. A. Emerson	N. Gilbert B. Summers N. Gilbert " B. Halford N. Gilbert W. Sanderson	Sept. 14 July 13 Oct. 16 Sept. 28 July 20 Oct. 29	6 6 6 6 6	10 4 7 8 2	15 70 44 25 93	Flows 60 20 15 43	" " Fresh " "	D D,S C D P	Dug well 20; blue clay 40; sandy blue clay 60; medium gravel 64. Water at 84. Brown clay 3; blue clay 50; hard sand 90; coarse gravel 94. Water at 94. Brown clay 3; blue clay 103; limestone 203. Dry hole. Brown clay 8; hardpan 102; limestone 260. Dry hole. Topsoil sandy loam 4; hardpan 30; white sand 60; quicksand 93. Water at 90. Fine sand 15; blue clay 25; sand gravel 69; limestone 128. Water at 108 and 128. Fine sand 8; sandy blue clay 78; quicksand 80. Dry hole. Fine sand 8; sandy blue clay 78; quicksand gravel 90. Water at 90.
Con I Con II Con III Con III	G. McCallum G.W. Speechley " " "	N. Gilbert W. Sanderson N. Gilbert " "	Nov. 23 Dec. 2 Dec. 28 Mar. 2 June 5	6 6 6 6 6	5 10 10 10 10	76 14 14 250 110	40 10 10 110 110	Fresh " " " "	S D,S N N N	Brown clay 5; blue clay 30; coarse gravel 34. Water at 34. Brown clay 12; blue clay 122; fine sand 217. Water at 122. Topsoil 2; clay stones 218; sand clay 254; sandy gravel 257; blue clay 280; quicksand 370; blue clay 375; sandy gravel 383. Water at 257 and 383. Dug well 45; blue clay 65; sandy gravel 135. Water from 65 to 135. Sand gravel 70; sand 110; blue clay 115; coarse gravel 117. Water at 116. Dug well 18; quicksand 63; blue clay 67; gravel 69. Water at 69. Brown clay 55; sand 85; sand gravel 89; gravel 90. Water at 90.
Hamilton Twp. Con A Con B Con I	E.F. Sweet Pentecostal Camp Ont. Hydro- Electric Power Corp.	N. Gilbert B. Summers N.N. Faulkner N.N. Faulkner N.N. Faulkner	Aug. 17 June 22 May 14 May 14 May 14	6 6 6 6 6	2½ 6 6 5 5	64 27 24 24 24	10 15 4 4 4	Fresh " " " "	D P C C C	Brown clay 9; blue clay 55; sandy gravel 64. Water at 64. Previously drilled well 30; limestone 38. Water at 38. Light brown clay pebbles 13; grey limestone 32. Water from 13 to 32.



Con	Twp.	-cont.	P. Mulvey	R. Halford	July 6	6	2	110	45	Fresh	D
Con I	"	lot 35	"	N. Gilbert	Aug. 29	6	9	40	20	"	D
Con II	"	"	P. R. Payne	"	Mar. 17	6	6½	49	35	"	D
Con III	"	"	A. Nelson	R. Halford	Aug. 27	6	10	49	29	"	D
Con IV	"	"	T. Lacey	"	Aug. 28	6	20	60	50	"	D
Con V	"	"	P. Cockayne	S. Stockdale Well	Oct. 29	6	17	22	Flows	"	D
Con VI	"	"	W. Harris	"	Nov. 21	6	20	60	4	"	D
Con IX	"	"	G. Isaac	W. Sanderson	Nov. 26	6	40	20	12	"	D
Con X	"	"	J. Murney	"	Aug. 10	6	10	Flows	"	"	D
Con XI	"	"	L.W. Facey	N. Gilbert	Mar. 23	6	3	24	4½	"	D
Hastings	"	"	Hastings Post Office	N.N. Faulkner	Mar. 25	6	3	20	3	"	D
Hastings	"	"	A. Laver	"	Aug. 6	6	1	40	"	"	D
Murray Twp.	"	"	Dept. Of Transport	H.E. Jones & Son	Apr. 26	6	5	20	10	"	D
Carrying Place	"	5	T. Kulpers	J.W. Sumner & Son	Sept. 30	6	4	50	10	"	D
Public School	"	9	"	H.E. Jones & Son	Sept. 22	6	5	20	10	"	D
Con A	"	4	D.M. Patterson	"	Sept. 24	6	4	50	10	"	D
Con A	"	4	"	"	Feb. 13	6	4	50	10	"	D
Con A	"	5	A. Richens	"	Apr. 24	6	5	20	10	"	D
Con A	"	5	W. Richardson	"	Sept. 25	6	2	30	15	"	D
Con A	"	7	P. Scea	C.J. Fraser	Apr. 11	6	3	31	12	"	D
Con A	"	9	J.H. White	J.W. Sumner & Son	June 19	6	15	23	9	"	D
Con A	"	9	H. Stewart	C.J. Fraser	Aug. 8	6	3	18	12	"	D
Con A	"	19	J.H. White	H.E. Jones & Son	May 18	6	10	9	1	"	D
Con C	"	"	O. Cooney	"	Mar. 26	6	7	35	2	"	D
Con C	"	11	J.D. Girffin	L.H. McClellan	Oct. 2	6	10	14	14	"	D
Con C	"	12	C. Carter	E.E. Jones & Son	Apr. 30	6	5	28	8	"	D
Con C	"	22	H.C. Fortbell	"	May 9	6	6	48	5	"	D
Con II	"	"	W. Long	"	Feb. 12	6	5	28	8	"	D
Con II	"	3	H. Seymour	C.J. Fraser	July 8	6	3	60	10	"	D
Con II	"	3	T. Tilley	H.E. Jones & Son	July 10	6	4	26	18	"	D
Con II	"	3	J. Day	"	July 18	6	3	30	8	"	D
Con II	"	3	T. Wellenaker	"	July 27	6	3	40	9	"	D
Con II	"	3	A. McGregor	"	July 29	6	3	20	10	"	D
Con II	"	3	Tange Const. Co.	"	Sept. 10	6	1½	50	20	"	D
Con II	"	3	B. Wilson	"	"	6	"	"	"	"	D

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORTHUMBERLAND COUNTY										
- cont.										
Murray Twp. - cont.										
Con II	E. Darling	H.E. Jones & Son	Sept. 11	6	7	20	15	Fresh	D	Clay boulders 20; shaly limestone 22; limestone 44. Water at 35.
Con II	A. McQuiley	J. Bailey	June 20	5	7½	8	5	"	D	Topsoil 1; gravel clay 6; limestone 29. Water at 29.
Con II	Van L. Gates	H.E. Jones & Son	Oct. 24	5	5	40	25	"	D	Clay 2; shaly rock 5; grey limestone 50. Water at 45.
Con II	Northumberland Fruit Growers Co-op Ltd.		May 23	6	3	90	15	"	C	Clay boulders 5; limestone 90. Water at 90.
Con II		"	May 26	6	15	10	2	"	C	Clay 3; shaly limestone 6; limestone 50. Water at 31.
Con II	C. Dunkley	"	Apr. 30	6	4	20	6	"	D	Dug well 10; hardpan boulders 36; limestone 39. Water at 39.
Con II	D. Creighton	"	Aug. 28	6	3	55	20	"	D	Sandy clay 10; hardpan boulders 55; coarse gravel 60. Water at 57.
Con II	M.J. Niedzwiecki	"	Apr. 22	6				"		Pine sand 60; fine gravel 63; silty sand 65; gravel clay 70; hardpan boulders 80; blue clay 100. Dry hole.
Con II	N. Vandenberg	"	May 4	6	7	35	20	"	D	Sand 50; blue clay 40; fine sand 48; blue clay 65; fine sand 73; grey clay 75; sand gravel 80; limestone 82. Water at 82.
Con II	Trenton Girl Guides Camp	"	June 30	6	4	48	18	"	P	Medium sand 10; quicksand 50; silty blue clay 88; hard blue clay 99; clay boulders 106. Water at 105.
Con II	Ont. Dept. Highways	B. Summers & Son	Sept. 14	6	10	20	Flows	"	C	Fill 10; fine sand 90. Water at 85.
Con III	B. Scott	H.E. Jones & Son	Apr. 29	6				"		Dug well 15; quicksand 50; sticky blue clay 75; hard blue clay 170. Dry hole.
Con V	Bata Shoe Co. of Can.	C.J. Fraser	June 15	6	8	80	21	"	D	Topsoil 5; blue clay 42; hardpan 88; gravel 93. Water at 50 and 93.
Con VI	J. Suderman	H.E. Jones & Son	July 23	6	7½	37	32	"	D	Medium sand 25; quicksand 36; blue clay 39; shaly limestone 41; limestone 50. Water at 52.
Con VI	B. Scobie	"	Aug. 20	6	1½	40	8	"	D	Dug well 8; limestone 40. Water at 35.
Con VI	C. Wilson	"	Sept. 4	6	1½	40	8	"	D	Clay 6; shaly limestone 13; limestone 40. Water at 40.
Con VI	L. Turner	"	Sept. 3	6	1½	80	35	"	D	Brown clay 20; blue clay 55; blue clay pebbles 65; blue clay 68; hardpan 70; coarse gravel 80. Water at 76.
Con VI	S. Buckmuller	"	May 21	6	10	218	158	"	D, S	Dug well 34; silty sand clay 72; light blue clay 98; hard grey clay 175; dark clay pebbles 185; fine gravel clay 193; hardpan clay 195; silty clay 220; limestone 248. Water at 245.
Con VIII	P. Moelker	"	Nov. 27	6				"		Brown clay 4; hardpan boulders 25; sandy gravel 34; grey limestone 252. Dry hole.
Con VII	L. Perry	"	May 22	6	5	30	10	Fresh	D	Dug well 16; coarse sand 30; gravel 32. Water at 32.
Con VIII	P. Plunton	T. Donaldson & Son	Nov. 17	6	2	40	15	"	D	Clay 22; soft limestone 40. Water at 24.
Con IX	J. Wickens	J. Bailey	Oct. 25	5	3	6	4	"	S	Dug well 10; limestone 25. Water at 10 and 25.
Con IX	J. Zupheit	"	Oct. 15	5	2	30	15	"	D, S	Dug well 16; limestone 33. Water at 33.
Con IX		"	Oct. 17	5	6	8	8	"	D, S	Dug well 12; limestone 29. Water at 29.
Percy Twp.										
Con IV	T. Ostrom	N. Gilbert	Dec. 15	6	10	50	30	Fresh	D, S	Brown clay 5; blue clay 75; coarse gravel 78. Water at 78.
Con IV	P. Banit	B. Summers & Son	Sept. 19	6	1	100	18	"	S	Topsoil 3; fine gravel 45; blue clay 100. Water at 42.
Con VII	I. Jorgensen	Reycroft & Lloyd	Nov. 2	5	1	30	10	"	D, S	Loam clay 6; grey clay small stones 22; coarse sand granite stones 27; grey clay small stones 45; grey clay sand pea gravel 52; clay gravel 60. Water at 60.
Con XI	R. Wallmanson	Otonabee Water	Aug. 24	6	1½	50	32	"	D, S	Sandy clay boulders 24; hard grey clay 31; gravel 42; sand boulders 50; hard sandstone 74; broken limestone 104; fine sandy gravel 126. Water at 15, 39, 73, 112 and from 120 to 134.
Con XI		"	Nov. 1	5	12	30	30	"	D, S	

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>NORTHUMBERLAND COUNTY</b>										
" cont. South Monaghan Twp. Con A	A. Dawson	N.N. Faulkner	Jan. 19	6	2 1/2	253	158	Fresh	D,S	Topsoll 1; brown clay gravel stones 12; sandy gravel 40; grey clay gravel 60; sandy gravel 68; grey clay gravel 135; brown sand 142; grey clay 171; sandy gravel clay 202; sand 250; sandy gravel 258. Water at 258. Black muck clay 1; blue clay 60. Topsoll 2; brown clay stones 18; blue clay gravel 45; sandy gravel 47. Water at 47. Topsoll 1; grey clay stones 64; sand gravel 76. Water from 64 to 76. Topsoll 1; brown clay stones 40; grey clay 100; sand 103. Topsoll 1; brown clay stones 20; grey clay stones 120; fine quicksand 204; sand fine gravel 209. Water from 204 to 209. Old well 29; blue clay 200; sand 22; sandy gravel 234. Water at 234. Topsoll 1; brown clay stones gravel 16; brown sandy clay 35; grey sandy clay 50; grey clay gravel 70; sand gravel 73. Water from 55 to 73. Topsoll 1; brown clay stones 10; grey clay stones 64; grey clay gravel 75; gravel 94. Water from 64 to 94. Old well 28; grey clay gravel 46; grey limestone 47. Water from 28 to 47. Topsoll 2; brown clay stones 25; grey clay gravel 35; gravel 52. Water from 40 to 52. Topsoll 1; brown clay stones 48; grey clay stones 100; fine sand 120; sand gravel 126. Water at 120. Dug well 30; grey clay stones 33; stones gravel 45; grey clay stones 120; sand gravel 130. Water from 120 to 130. Topsoll 1; brown clay stones 20; grey clay stones 54; fine sand 82; gravel 86. Water from 82 to 86. Topsoll 1; sandy brown clay stones 26; sandy grey clay stones 50; brown sand pebbles 74; gravel 76. Water at 76. Sand rocks 3; sand 31; gravel 35; sand 51; boulders sandy clay 53; grey clay rocks 60; gravel rocks 62; soft limestone clay 72; limestone 79. Water from 62 to 76. Topsoll 1; fill 6; red sand 32; grey clay stones 38; sand gravel 41. Water from 38 to 41. Topsoll 1; brown clay 10; grey clay 35; gravel 40; grey limestone 49. Water from 40 to 49. Old well 1; brown clay, stone 25; gravel 27. Water at 27. Topsoll 1; brown clay 10; grey clay 35; gravel 40; grey limestone 43. Water at 43. Topsoll 2; brown clay 12; blue clay 28; gravel 30. Water at 30. Topsoll 2; clay 30; sand 40; clay 62; gravel 64. Water at 64.
" 8 Con A	E. Kennedy	R. Halford	July 29	5	35	0	Flows	"	D	
" 12 Con A	D. Patan	W. Sanderson	June 11	5	4	40	18	"	D	
" 15 Con A	L. Harris	S. Stockdale Well Drilling Co.	Feb. 5	6	3	57	51	"	D,S	
" 1 Con I	H. Campbell	"	Dec. 11	6	20	53	48	"	D,S	
" 6 Con I	R. Dawson	"	Dec. 7	6	20	159	109	"	D	
" 10 Con I	H. Perrin	W. Sanderson	June 28	6	10	188	168	"	D,S	
" 11 Con I	C.H. Barnard	S. Stockdale Well Drilling Co.	Aug. 26	6	4	65	25	"	D,S	
" 6 Con II	T. Hanna	"	Aug. 31	6	5	84	58	"	D,S	
" 5 Con III	W.M. Bradshaw	"	Nov. 16	6	2 1/2	40	21	"	D	
" 5 Con III	"	"	Nov. 23	6	5	42	16	"	S	
" 10 Con III	J. Harris	"	Dec. 29	6	9	108	74	"	D,S	
" 12 Con III	S. Sweeting	"	Apr. 8	6	10	110	65	"	D,S	
" 17 Con III	G.H. Whittington	"	Sept. 1	6	3	76	26	"	D,S	
" 2 Con IV	W. McElroy	N.N. Faulkner	Jan. 2	6	8	50	25	"	D,S	
" 3 Con IV	L. Martyn	Otonabee Water Wells	Sept. 9	6	10	46	27	"	S	
" 14 Con IV	M. Boorer	S. Stockdale Well Drilling Co.	Feb. 11	6	8	33	19	"	D	
" 14 Con IV	A.V. Pink	"	Feb. 20	6	2	44	5	"	D	
" 14 Con IV	A. Sims	"	Feb. 20	6	1	25	16	"	D	
" 14 Con IV	G. Harrison	"	Feb. 24	6	17	23	4	"	D	
" 1 Con VI	R. Bothwell	W. Sanderson	May 21	6	30	15	8	"	D	
" 1 Con VI	W. Coffey	"	June 27	6	20	40	12	"	D	
<b>ONTARIO COUNTY</b>										
Brook Twp. Con I	H. Hogan	P.R. Roadway	Feb. 13	5	5	90	40	Fresh	D,S	Dug well 24; soft gravelly clay 29; hardpan 60; soft gravelly clay 100; dirty sand gravel 110. Water at 100. Stone well 21; clay loam 63; gravel 65. Water at 63.
" lot 3 Con I	H. Glaus	J. Henderson	Feb. 28	6	20	41	21	"	D,C	

## ONTARIO COUNTY - cont.

[illegible]

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ONTARIO COUNTY - cont. East Whitby - cont. Con V lot 16 Con VI " 13	E.P. Taylor W. Sanderson	W. Ward L. & G. Hoskin	Dec. 18 Sept. 14	30 36	2 2½	9 11		Fresh	S	Brown clay 30; fine gravel 38. Water at 20. Clay loam 1; subsoil 2; brown clay 11; stoney gravel 20. Water at 15.
Con VI " 17	H. Hett	N.N. Faulkner	Nov. 30	6	16	90	38	"	D	Old well dug 27; sand 50; sandy clay gravel 118; sandy gravel 129; gravel shale 130. Water at 130.
Con VII " 10	Dr. S. Witzel	G. Fulton	Sept. 24	4			30	"	N	Brown clay 20; blue clay 50; cemented gravel 60; quicksand 65; gravel 70. Water at 70.
Con VII " 12	W. Lucyk	N.N. Faulkner	Oct. 28	6	8	24	20	"	D	Topsoil 2; sandy brown clay 25; grey clay 31; sandy gravel 37; gravel 38. Water at 38.
Con VII " 15	G. Dennis	"	Apr. 15	6	17	60	33	"	D	Old well 33; sandy clay gravel 54; sand 62; clay gravel 93; gravel 94. Water at 94.
Mara Twp. Con A lot 5	A. Fountain	P.R. Roadway & Son	May 28	5	7	25	4½	Sulphur	D	Sandy loam 2; brown clay 18; sandy gravelly clay 20; bedrock 44. Water from 18 to 44.
Con III " 14	Village of Brechin	C.E. Snider	Sept. 4	6					T	Topsoil 1; grey clay silt marl 39; hardpan gravel 40; rock.
Con III " 14	J.A. Brockie	W.H. Baldwin & Sons	Oct. 31	6	20	75	25	Fresh	1-59	Sandy subsoil 20; quicksand 50; limestone 75. Water at 50.
Con III " 14	"	"	Nov. 11	6	20	80	20	Sulphur	D, S	Sandy subsoil 20; quicksand 30; hardpan 38; limestone 90. Water at 90.
Con III " 15	Village of Brechin	C.E. Snider	Sept. 15	6					T	Topsoil marsh muck 10; blue clay 12; grey clay marl 47; grey clay silt odd stone 51; rock.
Con III " 15	"	"	Sept. 18	6					3-59	Topsoil fill 2; marsh muck 8; clay gravel sand hardpan 45; boulders hardpan 46; hardpan 55; grey clay silt 59; rock.
Con IV " 13	A.E. Gibbs	W.H. Baldwin & Sons	June 5	6	10	38½	15	Fresh	4-59	Topsoil 1; sandy hardpan 40. Water at 40.
Con IV " 13	Village of Brechin	C.E. Snider	Sept. 11	6					T	Topsoil 1; brown sand clay 8; grey sand silt gravel 18; boulders 20; grey sand silt gravel 52; blue shale 53; rock.
Con IV " 13	"	"	Sept. 22	6					2-59	Topsoil 22; sandy gravel silt clay 22; rock.
Con IV " 15	"	"	Sept. 18	6					7-59	Topsoil fill 1; marsh muck 5; blue clay 7; grey clay marl 15; hardpan gravel 16; rock.
Con IV " 15	"	"	Sept. 21	6					5-59	Topsoil fill 1; marsh muck 5; blue clay 7; grey clay marl 16; hardpan gravel 17; rock.
Con VII " 1	P. Petts	F.C. Hammond	June 27	5	2½	71	20	Fresh	6-59	Hardpan 10; limestone 71. Water at 70.
Con VII " 2	H. Wilson	W.H. Baldwin & Sons	May 14	6	10	42	5		C	Topsoil 1; subsoil 3; limestone 42. Water at 35 and 40.
Con VII " 10	M. Strachn	F.C. Hammond	June 19	5	2½	41	35	"	D, S	Hardpan boulders 48; hard grey limestone 141; hard red shale 154; granite 159. Water at 122 and 156.
Con VII " 26	L. Weathers	P.R. Roadway & Son	June 4	5	10	7	1	"	D	Sand fill 2; brown clay 13; soft blue clay silt 20; putty blue clay 22; fine black sand 30; sand gravel 33. Water from 22 to 33.
Con VIII " 8	L. Snoden	W.H. Baldwin & Sons	June 19	6	8	52	26	"	D	Topsoil 1; subsoil 3; grey hardpan 37; limestone 52. Water at 50.
Con VIII " 28	H. Sowden	"	July 17	6	20	10	3	"	D	Topsoil 2; clay boulders 25. Water at 25.
Con VIII " 28	J. Drysdale	"	July 20	6	20	10	2	"	D	Dug well 12; blue clay 22; quicksand 32; limestone 35. Water at 35.
Con VIII " 28	K. Laddard	"	July 23	6	5	11	11	"	D	Brown clay boulders 4; blue clay boulders 30; limestone 31. Water at 30.
Con VIII " 28	P. Bynez	W.H. Baldwin	July 26	6	10	30	2	"	D	Topsoil 1; brown loam 13; blue clay boulders 30; limestone 31½. Water at 30.



Mara Twp. - cont.									
Con VIII	lot 28	A. Lowe	W.H. Baldwin	Aug. 5	6	3	41	26	D
Con X	lot 24	T. Clarke	"	June 10	6	8	25	20	D
Con X	" 26	G. Stenely	H. Hammers	Jan. 21	6	8	19	5	D
Con X	" 26	L. Fountain	W.H. Baldwin & Sons	Oct. 20	6	20	61	20	D
Con X	" 26	H. Fountain	"	Nov. 25	6	20	123	35	D,S
Con X	" 29	J.O. Connell	"	Nov. 20	6	20	35	22	D
Con XI	" 12	B. Smith	"	Dec. 7	6	20	35	20	D,S
Con XI	" 32	Narrows Hotel	W.J. Kimberley	Oct. 9	6	20	7	2	P
Con XII	" 25	J. Martin	"	Oct. 16	6	1 1/2	83	23	D,S
Oshawa		S. Kichko	G. Fulton	Mar. 11	4	7	65	47	D
Pickering Twp.	lot 1	M.VandenEnden	L. & G. Hoskin	Sept. 12	36	2		31	D
Con I	" 6	J. Badali	J. Moore	July 9	30	2		10	"
Con I	" 6	L.R. Cassidy	"	July 16	30	3		10	"
Con I	" 6	M. Feuge	L. & G. Hoskin	July 25	36			20 1/2	"
Con I	" 18	Highway Dept.	B. Hunt	July 17	30			11	"
Con I	" 22	E. Becker	L. & G. Hoskin	May 16	36			13	"
Con I	" 27	S. Brammer	B. Hunt	Sept. 15	30	275		17	"
Con II	" 9	J. Freake	L. & G. Hoskin	Sept. 23	36			35	"
Con II	" 18	J. Arkwright	J. Moore	Nov. 15	30	2		6	"
Con II	" 24	P. Ogden	B. Hunt	Aug. 14	30			6	"
Con II	" 27	J. Hachey	B. Huffman & Sons	Sept. 6	5	1	15	11	"
Con II	" 27	D. Eyes	"	Sept. 21	5	2	44	14	"
Con II	" 33	K. Gadsen	A. Thomas	June 8	4	5	80	40	"
Con III	" 6	P. Johnston	W. Ward	Nov. 30	30	3		15	"
Con III	" 21	B. Tilling	B. Huffman & Sons	Oct. 20	5	1/2	98	27	"
Con IV	" 14	Pickering Conservation Auth.	F.R. Roadway & Bon	Nov. 9	5	8	7 1/2	70	"
Con V	" 11	S.S.9 Greenwood School	"	May 2	5	7	91	77	"
Con V	" 19	R.J. Dube	P. Spatuck	May 28	5	25	55	48	"
Con V	" 26	N. Robinson	J. Moore	Feb. 25	30	5		42	"
Con V	" 28	United Church	"	Mar. 20	30				"
Con V	" 30	F.B. Carter	"	Apr. 10	30	3		8	"
Con V	" 32	C.P. Disney	"	Mar. 23	30			23	"
Con VII	" 5	"	N.N. Faulkner	Feb. 26	6	17	48	42	"
1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.									

Dug well 15;blue clay 41;limestone 45. Water from 41 to 46.  
Clay stone 25;boulders 30. Water at 29. 22;gravel 23.  
Topsoil 1;brown clay 6;blue clay stones 22;gravel 23.  
Water at 23.  
Topsoil 1;sandy hardpan 60. Water at 50.

Clay boulders 40;hardpan 97. Water at 90 and 123.  
Brown clay boulders 48;limestone 52. Water at 50.  
Brown clay stone 22;limestone 44. Water at 44.  
Black muck 18;grey clay 38;coarse sand 42;limestone 46.  
Water at 46.  
Stony grey clay 20;limestone 83. Water at 83.

Brown clay 18;blue clay boulders 50;gravel 51;black shale 54;centred gravel 83;soft clay 87;fine gravel 88. Water from 87 to 88.

Clay loam 1;subsoil 3;sandy clay 9;stoney blue clay 35;  
sandy clay 38. Water at 35.  
Blue clay gravel 27. Water at 25.  
Topsoil 2;blue clay 25. Water at 15.  
Black clay loam 1;subsoil 3;brown clay 10;sandy blue clay 19;sand 26 1/2. Water at 19.

Brown clay 15;grey clay 28;grey clay slate 34;gravel 36.  
Water at 34.  
Clay loam 1;subsoil 4;clay 9;blue clay 13;sand 16;clay 18;  
gravel clay 22 1/2. Water at 13 and 18.

Brown clay boulders 14;gravel clay 20. Water at 17.  
Fill 2;clay loam 3;subsoil 4;clay 7;hard sand 70;blue clay 42. Water from 10 to 42.

Brown clay 10;coarse gravel 15. Water at 10.  
Brown clay 6;grey sand 10. Water at 6.  
Dug well 16;grey hardpan 57. Water at 42.  
Topsoil 3;grey hardpan gravel 21;grey hardpan 49. Water at 21 and 49.

Topsoil 1;red grey clay stones 16;grey clay stones 185;  
stones fine sand 190;bedrock. Water from 185 to 190.  
Grey clay 20;blue clay 45. Water at 20 and 45.

Dug well 15;grey clay 70;fine silty sand 80;grey clay 98;  
dirty gravel gas 99;black shale 102.  
Gravel 10;gravel clay 22;coarse sand 43;quicksand 47;soft  
silt clay 70;hard gravelly clay 91;dirty sand 92;blue clay  
104;soft silt 116;dirty gravel 121. Water at 121.

Dug well 77;coarse red sand 90;blue silt sand 112;soft  
blue clay 160;hard clay 166;fine sand 170;silt clay layers  
200. Water at 95.

Brown clay 8;blue clay 28;coarse sand 32;gravel 82;hardpan  
121;white brown sand 128. Water from 121 to 128.

Topsoil 1;sand 4 1/2. Water at 40.  
Topsoil 1;clay stone 68. Dry hole.  
Topsoil 2;clay fine stone 18. Water at 8.  
Topsoil 1;sand 30. Water at 23.  
Old dug well 30;brown sand clay 3 1/2;grey clay pebbles 83;  
gravel 84. Water from 83 to 84.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ONTARIO COUNTY - cont. Pickering Twp. - cont. Con VII lot 19	J. Jaques	B. Hunt	Mar. 27	24			17	Fresh	D	Brown clay 12; grey clay stones 32; sand gravel 37. Water at 37.
Con VII " 25	A. Murray	Wilson's Well Drilling	Nov. 4	30	2		35	"	D, S	Yellow clay 6; sandy blue clay 25; stoney blue clay 47. Water at 37.
Con VIII " 25	B. McDowell	"	Dec. 24	30	1 1/2		38	"	D, S	Yellow clay 5; coarse sand 40; stoney blue clay 50. Water at 38.
Con IX " 4	C. Fiss	"	Nov. 21	30	4		20	"	S	Yellow clay 7; gravel 9; sand 32. Water at 20.
Con IX " 8	H. Osler	"	Nov. 18	30				"		Yellow clay 6; blue clay stones 35; grey clay sand 66. Dry hole.
Con IX " 8	"	"	Nov. 21	30	4		10	Fresh	D	Yellow clay 3; coarse gravel 7; coarse sand 18; blue clay 20. Water at 10.
Con IX " 18	E. Ward	N.N. Faulkner	Oct. 9	6	17	70	30	"	D	Topsoil 2; brown clay gravel 30; grey clay gravel 50; sand 70; sandy clay gravel 90; sandy gravel 96; gravel 104. Water from 98 to 104.
Con IX " 18	"	"	Oct. 30	6	8	36	34	"	D, S	Topsoil 2; brown clay gravel 32; grey clay gravel 40; sandy gravel 50; gravel 51. Water at 51.
Con IX Range II " 18	C.J. Burton	W. Ward	Nov. 16	30	150		10	"	D	Brown clay 10; quicksand 17 1/2. Water at 10.
Con IX Range II " 15	D. Barber	B. Hunt	Dec. 5	30	11		10	"	D	Water at 10; grey clay 20; grey clay shale 32; gravel 33. Water at 10.
Con IX Range III " 30	W.J. Field	"	Oct. 8	30			5	"	D	Brown clay 10; blue clay 21; sand clay 25. Water at 21.
Con IX Range III " 6	W. Irwin	"	Oct. 5	30	3		25	"	D	Blue clay 50. Water at 50.
Con IX Range III " 24	Highland Creek Cong. Jehovah Witness	W. Ward	Dec. 3	30	3		3	"	P	Marshy sand 3; clay 16. Water at 3.
Con IX Range III " 27	C. Gracie	B. Hunt	Aug. 28	24						Brown clay 9; grey clay 20. Dry hole.
Rama Twp. BP lot 5	E. Snacke	W.H. Baldwin & Sons	Oct. 27	6	5	59	9	Fresh	D	Brown clay boulders 20; shale 22; limestone 59. Water at 22 and 59.
BP " 6	Dept. Indian Affairs	"	Mar. 24	6	14	40	10	"	P	Clay boulders 20; limestone 40. Water at 21.
BP " 6	G.R. Douglas	"	Oct. 29	6	5	15	10	"	D	Brown clay stone 18; shale 21. Water at 20.
BP " 7	H. Anderson	"	Mar. 27	6	14	21	1 1/2	"	D	Topsoil 1; clay boulders 5; clay 12; limestone 21. Water at 16.
BP " 8	M. Simcoe	"	Sept. 21	6	20	38	18	"	D	Brown clay stone 20; limestone 38. Water at 33.
BP " 10	E. Simcoe	"	Nov. 24	6	5	15	8	"	D	Brown clay stone 20; shale 21 1/2. Water at 20.
BP " 16	R. Smith	C.D. Weaver	Aug. 21	6	5	3	5	"	D	Topsoil 1; grey clay boulders 28; coarse gravel 30. Water from 28 to 30.
BP " 19	J. McRae	P.C. Hammond	June 12	5	2 1/2	32	10	"	D	Clay shale 14; limestone 32. Water at 31.
BP " 19	J. Byers	C. Weaver	Aug. 5	5	10	8	8	"	D	Brown clay boulders 11; limestone 32. Water at 32.
BP " 23	M. Stephenson	F.C. Hammond	Sept. 22	5	1 1/2	36	10	"	D	Loam 2 1/2; limestone 56. Water at 56.
BP " 31	H. Anderson	C.D. Weaver	July 8	6	4	60	12	"	D	Brown clay boulders 9; limestone 32; granite 60. Water at 60.
Con III " 10	Hancock Sand & Gravel Ltd.	N.N. Faulkner	Mar. 17	6		30	30	"	P	Brown sandy clay stones 15; coarse gravel 16; brown clay pebbles 24; coarse gravel 35; water from 24 to 35.
Con III " 10	"	"	Apr. 11	22	810	28	2	"	In	Topsoil 1; brown clay stones 15; grey clay pebble 59; fine gravel 61; coarse gravel 62. Water from 61 to 62.
Con VII " 13	J. Davies	"	Apr. 21	6	12	38	10	"	D	Brown sandy clay stones 15; coarse gravel 16; brown clay pebbles 24; coarse gravel 35. Water from 24 to 35.
Beach Twp. Con I " 12	"	"	"	"	"	"	"	"	"	Topsoil 1; brown clay stones 15; grey clay pebble 59; fine gravel 61; coarse gravel 62. Water from 61 to 62.

ONTARIO COUNTY - cont.

Reach	Twp.	Loc.	Owner	Date	Depth	Flow	Remarks
Reach	Twp.	Loc.	Owner	Date	Depth	Flow	Remarks
Con I	lot 19	J. Mosieuko	W. Sanderson	Apr. 8	6	40	Topsoil 2; brown clay 18; blue clay 56; gravel 58. Water at 50.
Con II	" 19	W. Wozney	"	Apr. 14	6	20	Old well 25; blue clay 297; sandy gravel 299. Water at 299.
Con III	" 19	W. Wozney	"	Apr. 17	6	35	Topsoil 2; sandy hardpan 20; blue clay 40; sand 30; gravel 62.
Con III	" 13	G. Marsh	W.H. Baldwin & Sons	Sept. 8	6	30	Brown clay 80; quicksand 100; blue clay 300. Dry hole.
Con III	" 13	"	"	Dec. 19	8	33	Topsoil 1; brown clay 20; brown clay stone 30; hardpan 50; gravel sand 58. Water at 58.
Con III	" 24	N. Dudar	W. Sanderson	Jan. 9	6	50	Old well 24; blue clay 70; blue clay stones 90; blue clay 132; gravel 155. Water at 135.
Con V	" 2	U.L. Wagner	D.S. Loughheed	Dec. 3	4	50	Dug well 36; brown sandy clay 81; fine sand 90; coarse sand 96. Water at 90.
Con VI	" 2	N.S. McDonald	P.R. Roadway & Son	Aug. 10	5	56	Gravel 30; sand gravel layers 50; sandy clay 84; red sand 96. Water at 96.
Con IX	" 8	E.W. Dobson	J. Moore	Dec. 18	30	1	Loam 5; grey clay stone 55; medium gravel 62. Water at 55.
Con X	" 9	C.W. Brown	"	Aug. 15	30	2	Grey clay 35; medium sand 42. Water at 35.
Con X	" 21	W. Whitmore	W. Ward	Oct. 17	30	200	Sandy clay 8; quicksand 20. Water at 8.
Con X	" 22	H. Payne	"	Oct. 19	30	200	Brown clay 15; blue clay 43. Water at 43.
Con XIV	" 12	M. Beaton	W. Sanderson	Mar. 4	6	60	Topsoil 2; brown clay stones 24; blue clay 110; gravel 114. Water at 114.
Scott Twp.	lot 25	B. Kester	P.R. Roadway & Son	Feb. 19	5	100	Dug well 67; blue clay 223; fine sand rock 229. Water at 229.
Con I	" 17	J.M. Rogers	"	Nov. 28	5	80	Dug well 59; red sand 57; blue clay 117; gravel silt 135; sandy clay 150; boulders 156; hardpan 181; sand gravel 185. Water at 185.
Con II	" 28	E. Mesinter	Wilson's Well Digging Co.	Nov. 30	30	1 1/2	Yellow clay 5; stony gravel 27; stony clay 45; sandy blue clay 62; coarse sand 74. Water at 65.
Con III	" 6	M. Tindall	Ontario Well Digging Co.	Mar. 14	30	12	Sandy clay 30; fine sand 40; coarse sand gravel 42. Water at 40.
Con III	" 20	J. Myers	P.R. Roadway & Son	Sept. 30	5	6	Dug well 47; blue clay 77; hardpan 115; gravelly clay 140; gravel silt 156. Water at 156.
Con III	" 26	Zephyr Rink	Ontario Well Digging Co.	Dec. 12	36	4	Blue clay stone 28. Water at 28.
Con VII	" 8	J. Wilson	D.S. Loughheed	Nov. 19	4	15	Topsoil 1; grey clay boulders 84; silt streak clay 225; sand fine gravel 230. Water at 230.
Con VII	" 10	D. Harris	P.R. Roadway & Son	Dec. 21	5	40	Dug well 39; dirty gravel sand 55; gravel 62; blue clay. Water at 62.
Stuget Twp.	lot 1	E.R. Prentice	G. Fulton	July 23	4		Topsoil 1; brown clay boulders 70; brown sand 72; blue clay 82; quicksand 110; blue clay 155; blue clay coarse stone 158; gravel 160. Dry hole.
Con X	" 3	J. Mahoney	L. & G. Hoskin	Oct. 9	36	27	Brown clay 3; sandy brown clay 20; stony blue clay 24; blue clay 50. Water from 22 to 50.
Con XIII	" 7	L. Aukafer	"	Aug. 5	36	13 1/2	Black clay loam 1; subsoil 3; stony clay 8; stony sand 22 1/2.
SMI	"	P. Harrison	G. Fulton	July 16	4	125	Water at 8.
SMI	"	"	"	July 22	30	7	Brown clay 7; brown clay boulders 32; clay 97 1/2; gravel 98. Water at 98.
Thorah Twp.	lot 21	D. Kinlock	P.R. Roadway & Son	Mar. 2	5	59	Dug well 28; stones gravel 32; clay 109 1/2; gravel 110. Water at 110.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ONTARIO COUNTY - cont. Thorah Twp. - cont.										
Con I lot 22	D. Kinlock	F.R. Bowdway & Son	Mar. 7	5	3		2	Fresh	D,S	Dug well 16; soft gravelly blue clay 28; hardpan 47; bedrock 61. Water at 61.
Con II " 15	Ont..Dept. Of Highways	C.D. Weaver	May 27	6	10	8	8	"	P	Topsoil 1; blue clay 19; limestone 30. Water at 30.
Con II " 20	T. Sanagan	F.R. Bowdway & Son	July 22	5	10	21	5	Sulphur	D	Shale hardpan 20; grey limestone 41. Water from 10 to 41.
Con IV " 17	E. Clark	"	July 18	5	9	10	0	Fresh	D	Fine red sand 8; fine black sand clay 25; soft blue clay 36; puty blue clay 45; silty clay 55; hardpan 67; dirty sand gravel 88; bedrock 70. Water from 57 to 68.
Con V " 16	H. Hulme	"	Aug. 7	5	7	20	Flows	"	D	Yellow clay 16; blue clay stone 40; soft blue clay gravel 51; hard clay gravel 57. Water at 57.
Con V " 17	M. Shulley	W.H. Baldwin & Sons	Sept. 24	6	20	70	30	"	D	Blue clay shale 85. Water at 85.
Con VI " 15	L. Hartmlere	F.R. Bowdway & Son	Mar. 12	5	4	55	5	"	D	Brown clay 15; gravelly clay 40; silty gravelly clay 70. Water at 70.
Con X " 8	E. Farrell	W.H. Baldwin & Sons	Jan. 10	6	14	15	5	"	D,S	Dug well 18; clay stone 21; limestone 38. Water at 38.
Con X " 9	"	"	Jan. 16	6	14	73	16	"	D,S	Dug well 21; clay boulders 25; limestone 73. Water at 40.
Uxbridge Twp.										
Con II lot 15	Twp. Uxbridge	F.R. Bowdway & Son	Sept. 23	5	12	90	78	Fresh	P	Dug well 67; sand 80; fine blue quicksand 140; red sand 152. Water at 152.
Con II " 18	P.C. Lake	G. Fockler	May 23	2	3	64	62	"	D	Clay gravel 30; clay stone 55; sand 65; coarse sand 69. Water at 62.
Con III " 15	C. Bunker	"	June 9	2	3	77	60	"	D	Gravel 70; fine sand 90; coarse sand 96. Water at 78.
Con III " 15	N. Maye	"	July 10	2	2	62	56	"	D	Fine sand 45; red clay 60; fine sand 70. Water at 63.
Con III " 30	A. Wilson	T. Waite	May 8	2	4	25	22	"	N	Brown sand 20; brown clay 50. Water at 40.
Con III " 33	J. Flewman	D.S. Loughheed	Sept. 26	4	10	25	22	"	D	Dug well 30; blue clay 140; silt clay 192; coarse sand 196. Water at 196.
Con IV " 3	K. Benn	"	July 24	4	7	102	53	"	D	Topsoil 1; brown clay 56; clay boulders 102; fine sand 116; medium sand 124. Water at 124.
Con IV " 19	L. Cairns	G. Fockler	May 12	2	3	90	74	"	D	Gravel 30; clay 50; gravel clay 100; fine coarse sand 110. Water at 92.
Con V " 15	T.R. Akerman	D.S. Loughheed	Oct. 31	11	12	68	61	"	D	Dug well 40; sand gravel 61; packed gravel 150; dirty coarse sand 156. Water at 150.
Con V " 18	G. Elson	"	June 9	4	10	70	60	"	D	Dug well 22; hard brown clay 92; coarse brown sand 98. Water from 92 to 98.
Con V " 22	W.G. McClintock	Ont. Well Digging Co.	Aug. 20	30	1 1/2		20	"	D	Fine sand 50. Water at 20.
Con VI " 28	R. McGuckin	D. Loughheed	Oct. 14	30			15	"	D	Fine sand 25. Water at 20.
Con VII " 28	F.R. Whitfield	"	Sept. 30	4	10	53	38	"	D	Dug well 40; fine sand 86; coarse sand 91. Water at 91.
Whitby	J. Mackey	W. Sanderson	Feb. 18	6	10	110	24	Fresh	D,S	Dug well 34; dark limestone 134. Water at 134.
Whitby	J. Smith	B. Huffman	Dec. 10	5	2	65	23	"	D	Boulders grey hardpan 50; soft blue clay gas 52; black shale gas 65. Water at 62.
Whitby Twp.										
lot 34	M. Chisko	J. Moore	Jan 15	30	5	20	16	Fresh	D	Clay 10; clay fine stone 42. Water at 40.
BF " 34	"	"	Mar. 27	30				"		Clay 10; fine stone clay 35. Dry hole.
BF " 34	"	"	Apr. 25	30	4		20	Fresh	C	Clay 4; clay stone 36. Water at 30.
Con I " 20	Shell Oil Co.	B. Huffman & Sons	Jan. 20	6				"		Blue clay gravel 30; sand gravel 64; hardpan 180. Dry hole.

Con	Lot	F. Bell	L. & G. Hoskin	Oct. 29	36	10	24	Fresh	D	
Con I	" 20	"	"	Nov. 6	36	12	34	"	D	Brown clay 2; stony grey clay 9; sandy grey clay 26; blue clay 33; coarse gravel 46; Water at 39.
Con I	" 21	J. Wong	W. Ward	Oct. 16	30	2 1/2	19	"	D	Clay loam 1; subsoil 2; stony clay 17; blue clay 48; gravel 51; sand 53. Water at 48 and 51.
Con II	" 18	D. Stewart	L. & G. Hoskin	Feb. 26	36		17	"	D	Brown clay 10; grey clay 27. Water at 27.
Con II	" 18	W. Hamblly	"	July 28	36		18 1/2	"	D	Clay loam 1; subsoil 3; gravel 4; brown clay 12; hardpan 44; sandy clay 45. Water at 44.
Con II	" 18	K. Mikalanskis	"	Oct. 23	36	8	16	"	D	Fill 2; clay loam 3; subsoil 5; sandy brown clay 19; hardpan 2; stony sand 30 1/2. Water at 19 and 25.
Con II	" 18	A. Harper	"	Oct. 28	36	7	18	"	D	Brown clay; sandy brown clay 1; brown clay 16; blue clay 22; hardpan 28; hard sand 31. Water at 28.
Con II	" 19	R.N. Kunn	G. Fulton	Feb. 27	4	12 23	9	"	D	Brown clay 6; fine sand 11; stony blue clay 24; coarse gravel 26. Water from 24 to 28.
Con II	" 19	Meadow Brooke co-op Housing	N.N. Faulkner	Aug. 31	6	25 116	65	"	P	Dug well 18; soft blue clay 28; cemented gravel 36; hard blue clay boulders 66; cemented gravel 67; gravel 72. Water from 67 to 72.
Con II	" 19	Westminster Church	L. & G. Hoskin	Sept. 24	36	350	19	"	P	Topsoil 2; brown clay 8; sandy gravel stones 58; clay gravel 112; brown clay gravel shale 135; gravel 140. Water from 135 to 140.
Con II	" 20	J. Ochonski	"	Oct. 1	36	7	40	"	D	Brown clay 2; sandy brown clay 9; fine sand 11; blue clay 26; fine sand 27; blue clay 32. Water at 27.
Con II	" 21	J. Gravelle	"	May 16	36 1/2		10 1/2	"	D	Sandy loam 1; subsoil 2; sand 8; hardpan 50. Water from 8 to 50.
Con II	" 21	A. Veenstra	"	May 21	36		17 1/2	"	D	Coarse gravel 2; blue clay 9; fine sand 9; blue clay 13; coarse stone clay 17 1/2. Water at 9 and 13.
Con II	" 21	A. Busch	"	Aug. 18	36		23	"	D	Clay loam 1; subsoil 2; clay 8; large stone clay 15; hardpan 30. Water at 14 and 23.
Con II	" 21	P. Gieben	W. Ward	Sept. 19	30	300	3	"	D	Clay loam 3; subsoil 3; clay 11; blue stony clay 25; gravel 26; hardpan 31. Water at 25.
Con II	" 21	W.S. Phillips	L. & G. Hoskin	Oct. 17	36	2	30	"	D	Brown clay 20; blue clay 31 1/2. Water at 31 1/2.
Con III	" 18	R. Harrison	"	Apr. 23	36		12	"	D	Brown clay fill 3; brown clay sand 14; blue clay 33; blue clay gravel 35 1/2. Water at 14 and 33.
Con III	" 18	"	"	Apr. 25	36		14	"	D	Clay loam 1; subsoil 2; sandy clay 5; clay 19; stony clay 20; clay 27; sand 33 1/2. Water at 19 and 27.
Con III	" 18	J. Palachl	G. Fulton	June 30	4	12 55	40	"	D	Clay loam 1; subsoil 2; clay 8; hardpan 21; sand 23; hardpan 28; sand 31. Water at 21 and 28.
Con III	" 23	A. Knibbs	W. Ward	Nov. 25	30	50	3	"	D	Brown clay boulders 18; cemented gravel 54; blue clay 90; blue clay boulders 129; gravel 129 1/2; blue clay 133; gravel.
Con III	" 24	I. Horne	L. & G. Hoskin	May 1	36		13	"	D	Water at 129 1/2 and 133.
Con III	" 24	H. Schmidt	"	Oct. 14	36			"	D	Grey clay 40; Water at 18.
Con III	" 24	"	B. Fulton	Dec. 4	36	10 74 1/2	74 1/2	Fresh	D	Black clay loam 2; subsoil 3; clay 19; sandy clay 22; hardpan 26; Water at 19.
Con III	" 27	E.W. Saunders	N.N. Faulkner	Apr. 1	6				D	Brown clay 3; brown clay sand 12; stony grey clay 16; hardpan 32. Dry hole.
Con III	" 27	"	"	Apr. 10	6	5	22	Fresh	D	Dug well 32; hard blue clay boulders 123; cemented gravel 130 1/2; gravel 131 1/2. Water from 130 1/2 to 131 1/2.
Con V	" 25	W.P. Batty	"	Mar. 9	6	30 35	8	"	D, S	Dug well 25; brown sand 50; grey clay gravel 125; grey clay gravel shale 145; black limestone 168. Dry hole.
Con VI	" 22	R. Georgeff	N.N. Faulkner	May 13	6	10 Flows	Flows	"	C	Topsoil 1; brown clay stones gravel 16; sandy gravel stones 33; sand 38; sandy gravel 44; gravel 45. Water at 45.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
ONTARIO COUNTY - cont. Whitby Twp. - cont. Con VI lot 26	H. Grandy	N.N. Faulkner	Dec. 31	6	8	100	93	Fresh	D, S	Dug well 35;sand 40;sandy clay gravel 60;grey clay gravel 150;sandy gravel 165;grey clay gravel 199;gravel 200. Water at 200.
Con VII " 20	J. Dryden	F.R. Boardway & Son	May 6	5	10	36	30	"	D, S	Surface clay 20;clay sand 22;clean fine sand 62. Water at 62.
Con VII " 20	N.E. Knapp	J. Moore	Dec. 2	30	2		10	"	D	Brown clay 20;fine sand 22. Water at 20.
Con VII " 25	N. Thachuk	Wilson's Well Digging	Dec. 28	30	3		16	"	D	Yellow clay 7;blue clay 24;quicksand 35;blue clay 36. Water at 23.
Con VII " 29	P. Lee	N.N. Faulkner	Mar. 5	6	7	100	43	"	D, S	Old well 55;grey clay pebbles stones 152;gravel 153. Water from 152 to 153.
Con VII " 30	S.S. # 6	"	June 5	6	24	30	Flows	"	P	Topsoil 1;brown clay stones 26;sandy gravel stones 75;grey clay gravel 140;brown sand 165;grey clay gravel 197;gravel 198. Water at 198.
Con IX " 19	Oshawa Sub-urban Roads	Hoskin Bros.	May 17	36			9 1/2	"	C	Clay loam 1;subsoil 2;sandy clay 10;sand 13;clay stone 17 1/2. Water at 10 and 47.
Con IX " 21	G. McManus	N.N. Faulkner	May 3	6	24	60	60	"	D	Dug well 32;stones sandy gravel 48;sand 110;sandy gravel 130;quicksand 155;sandy gravel 158;gravel 159. Water at 159.
OXFORD COUNTY										
Beachville	Gypsum Lime & Alabastine Ltd	K. McLeod & Son	Mar. 19	5	10	50	25	Fresh	In	Old well 50;limestone 96. Water at 96.
Beachville	"	"	Mar 25	5	10	60	45	"	In	Old well 52;limestone 102. Water at 100.
Beachville	"	"	May 15	5	6	15	12	"	D	Gravel stones 8;limestone 23. Water at 23.
Beachville	M. German	N. Steinman	June 1	4	12	26	18	"	D	Clay 5;sand 16;soft limestone 22;hard limestone 31. Water from 30 to 31.
Beachville	G. McGinnis	"	Aug. 6	4	10	73	64	"	D	Clay stones 39;gravelly clay 55;hard rock 64;limestone 85. Water from 82 to 85.
Beachville	J.P. Canfield	K. McLeod & Son	Oct. 20	4	5	32	30	"	D	Gravel 10;red sand 23;limestone 40. Water at 40.
Beachville	A. Murray	"	Oct. 26	5	22	20	20	"	D	Red sand 17;limestone 34. Water at 34.
Beachville	T. Miotto	"	Nov. 3	4	5	22	20	"	D	Red sandy clay 17;limestone 36. Water from 34 to 36.
Blandford Twp.										
Con I lot 12	D. Dorland	N. Steinman	July 13	5	15	14	9	Fresh	D	Heavy sticky clay 13;sand 19;fine gravel 25. Water from 19 to 25.
Con XI " 9	P. Zinn	C. & H. Kerr	Aug. 27	4	12	35	3	"	D	Stoney clay 40;clay 88;gravel 91;limestone 104. Water at 103.
Blenheim Twp.										
Con I lot 11	J. Holmes	S. Gill	July 18	6	8	40	18	Fresh	D	Sand 15;grey clay 30;fine sand 58;gravel 60. Water at 58.
Con I " 12	H. Casler	J. Stefan	Sept. 18	4	3	76	26	"	D	Hard gravelly clay 109;fine sand 110. Water at 109.
Con I " 12	P. Kipp	"	Sept. 24	4	5	32	22	"	D	Gravelly clay 22;dirty gravel 48;clean fine gravel 50. Water at 48.
Con I " 12	F. Lampkin	"	Oct. 16	4	4	50	27	"	D	Yellow clay 16;hard gravelly clay 75;fine gravel 76. Water at 75.
Con III " 12	H. Yeandle	B. Haskell	Apr. 30	4	10	65	54	"	D	Clay stones 41;sandy clay 48;hardpan stones 94;blue clay 174;hardpan 185;limestone 192. Water at 192.
Con VI " 13	Blenheim Twp.	"	Sept. 9	4	2 1/2	95	91	"	P	Red clay 27;blue clay 61;hardpan stones 134;hardpan 153;gravel. Water at 153.
Con VII " 12	H. Boehmer Co.	E. McLaughlin & Sons	Oct. 10	7	50	65	40	"	In	Concrete well pit 4;sand 16;clay sand 42;quic' sand silt 87;gravel. Water at 153.
Con VIII " 21	M. Baer Ltd.	C. & H. Kerr	Apr. 4	4	15	55	35	"	D, S	Sand 15;hardpan 192;blue shale 201. Water at 201.
Con XII " 18	H.B.	N. Steinman	June 29	4	10	11	3	"	D	Sand 50;blue clay 18;red gravel 182;quicksand 221. Water at 226.



	lot 19	C. Fulcher	C. & H. Kerr	Mar. 21	5	10	100	30	Fresh	D	
Dereham Twp.	lot 5	L. Somers	J.W. Weaver & Son	Sept. 2	2	4	40	108	Fresh	D,S	Duz well 33; clay 77; sandy clay 112; fine gravel 116. Water at 30 and 112.
Con I	" 12	F. Way	G. Warren	Dec. 15	5	5	142	45	"	D,S	Steel open well 45; gravel fill 50; brown clay 54; grey quicksand 55; brown clay 56; brown putty sand 60. Water at 40.
Con II	" 26	H. Howe	E. Hoover & Sons	June 1	5	8	45	45	"	D,S	Grey clay stone 15; gravel sand 32; grey clay stones 93; gravel 108; clay stones 210; gravel 224; limestone 227. Water at 227.
Con V	" 3	J. Morris	G. Warren	Aug. 24	5	5	32	0	"	D,S	Torsion 3; blue clay 30; gravel sand 100; hardpan 110; sand 120. Water at 110.
Con VI	" 12	W.H. Trembley	J.H. Weaver	Feb. 3	5	8	42	12	"	D,S	Yellow clay 10; grey clay 45; sand gravel 53. Water at 53.
Con VII	" 8	H. Williams	G. Warren	June 1	1	5	50	42	"	D	Stone open well 14; coarse gravel 26. Water at 12.
Con VII	" 12	L. Hunsley	"	July 27	5	6	34	11	"	D,S	Yellow clay 16; grey clay 84; clay gravel 124; gravel 126. Water from 124 to 126.
Con VIII	" 21	K. Fitzpatrick	K. McLeod & Sons	Oct. 20	5	5	15	15	"	D	Clay stones 87; dirty gravel 97; gravel 101. Water at 101.
Con IX	" 7	J.C.P. Allin	G. Warren	June 19	5	5	75	67	"	D	Blue clay 50; gravel 52. Water at 50.
Con IX	" 8	Parson's Sign & Display	"	Sept. 8	5	8	88	84	"	In	Yellow clay 22; grey clay stones 84; clay gravel 150; gravel 153. Water from 150 to 153.
Con X	" 8	T. Ludwig	"	Jan. 20	5	5	56	50	"	"	Open hole 10; clay 65; dirty gravel 95; coarse sand 105. Water from 106 to 105.
Con X	" 8	G. Kinsella	C. Strome	Dec. 30	5	2½	80	50	"	D	Clay 10; boulders 13; grey clay stones 61; dirty gravel sand 86; fine gravel 87. Water from 86 to 87.
Con X	" 11	H. Cole	G. Warren	May 28	5	6	41	27	"	D	Linn 3; clay stone 15; putty sand 30; gravel clay 37; grey clay 42; coarse sand gravel 80; coarse sand 91. Water at 80.
Con X	" 12	J. Pettman	W.E. Locker	May 12	5	5	27	25	"	D	Clay boulders 22; grey clay stones 60; sand 70. Water from 60 to 70.
Con X	" 13	E. Hewer	W.L. McBeth	June 23	5	3	60	16	"	D,S	Sand 15; gravel 25; hardpan clay 40; boulders coarse gravel 60; fine gravel clay 65; coarse sand 73. Water from 65 to 73.
Con XI	" 7	School for Retarded Children	G. Warren	Jan. 8	4	3	38	28	"	P	Red clay 8; sand 46; gravel stones 100; clay sand 135; hard clay 136; coarse sand 140. Water at 136.
Con XI	" 7	J. Smith	W.E. Locker	May 27	2	3	25	25	"	D	Yellow sand 12; clay gravel 35; sand 42. Water from 35 to 42.
Con XI	" 7	H. Dreyer	"	Dec. 19	2	2	30	30	"	D	Brown clay 2; yellow clay 10; stone boulders 12; light sand 40; blue clay. Water at 25.
Con XI	" 12	B. Crosset	G. Warren	Jan. 28	4	5	35	24	"	D	Brown clay 2; blue clay 30; coarse sand gravel 41. Water at 30.
Con XII	" 1	W. Atkinson	J.H. Weaver & Son	Apr. 1	1	7½	20	25	"	D,S	Yellow clay 24; putty sand 30; fine sand 39. Water from 30 to 39.
Con XII	" 6	R. Jackson	G. Warren	Dec. 8	5	5	38	25	"	D	Open well 18; white sand 20; brown sand 33. Water at 20.
Con XII	" 7	H. VanGoethem	J.H. Weaver & Son	Jan. 7	2	8	30	30	"	D	Open well 4; yellow sand 18; grey clay 47; sand 51. Water from 47 to 51.
Con XII	" 7	B. Poppe	L. Hodgson & Son	June 10	1	5	22	22	"	D	Brown clay stone 12; white sand 22; brown clay sand 25; white sand 29; coarse sand 33; fine quicksand 37; clay. Water at 30.
Con XII	" 7	H. Rutte	J.H. Weaver & Son	June 22	2	8	27	27	"	D	Yellow sand 22; medium sand 29. Water at 22.
Con XII	" 7	B. Lewis	W.E. Locker	Aug. 12	4	2	31	31	"	D	Brown clay 2; white sand stone hardpan 11; white sand 27; fine gravel 30; blue clay 32. Water at 27.
Con XII	" 7	G. Harron	"	Aug. 14	4	2	9	9	"	D	Brown clay 3; blue clay 30; coarse sand 40. Water at 31.
Con XII	" 7	J. Aker	G. Warren	Dec. 10	5	2½	38	25	"	D	Brown clay 2; blue clay 30; fine gravel coarse sand 41. Water at 30.
Con XII	" 7	A. Griffin	W.E. Locker	Dec. 21	2	2	14	14	"	D	Sand 37; dirty fine sand 41. Water from 37 to 42.
Con XII	" 8	B.P. Mountenay	S. DeGroat	Sept. 16	1	6	53	46	"	D	Brown clay 2; blue clay 30; coarse sand 42. Water at 30.
Con XII	" 11	B. French	G. Warren	Sept. 11	5	5	45	15	"	D	Clay 1; coarse sand 25. Water at 14.
Con XII	" 14	T.D. Smith	W.T. McBeth	July 10	5	5	45	15	"	D,S	Hard clay 55; sand 60. Water from 55 to 60.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD CO. NTY - cont. East Missouri Twp. Con IX lot 3	A. Hogg	K. McLeod & Sons	Aug. 18	5	5	70	60	Fresh	D, S	Brown clay stones 30; hardpan 88; limestone 105. Water from 100 to 105.
Con IX " 9	M. Older	"	May 23	5	6	50	30	"	D, S	Gravel 25; gravel stones hardpan 127; limestone 130. Water at 129.
Con X " 1	A. Node	"	July 31	7	40	100	60	"	P	Gravel stones 30; hardpan 88; limestone 250. Water from 240 to 250.
Con X " 2	A. Borland	"	July 9	5	3	40	20	"	D	Gravel stones 20; hardpan 55; limestone 87. Water from 85 to 87.
East Oxford Twp. Con I lot 9	Sun Oil Co.	B. Haskell	Nov. 16	4	10	49	31	Fresh	C	Hard clay 23; soft sandy clay 96; limestone 101. Water at 101.
Con II " 6	East Oxford Twp. School Area	N. Steinman	Sept. 17	4	15	49	34	"	P	Full 3; brown clay 17; blue clay 41; gravel 55; sand 62; clay 71; hardpan 80; clay 108; hardpan 117; limestone 136. Water from 127 to 136.
Con II " 13	L. Schultz	J. Stefan	May 27	4	5	57	37	"	D, S	Yellow clay 14; soft silty clay 82; hard gravelly clay 90; medium gravel 91. Water at 90.
Con III " 19	R. Karn	N. Steinman	Dec. 29	4	9	92	56	"	D	Clay 8; hardpan stones 37; clay 51; gravelly hardpan 59; clay 75; hardpan 79; clay 125; brown shale 127; brown limestone 142. Water from 135 to 142.
Con III " 20	M.R. Wallitt	B. Haskell	June 26	4	4 1/2	40	23	"	D	Clay stones 27; hardpan 94; shale 96; limestone 185. Water at 185.
Con VI " 2	E. Wright	N. Steinman	Sept. 9	4	12	32	23	Sulphur	D, S	Clay 8; stony clay 32; sandy clay 60; dirty sandy gravel 74; hard grey rock 107. Water at 106.
Con VI " 7	C. Denton	K. McLeod & Sons	Oct. 14	5	10		Flows	Fresh	S	Blue clay 62; gravel. Water at 62.
Con VIII " 5	D. Avey	J. Stefan	July 28	3	4	34	14	"	D	Yellow clay 15; hard gravelly clay 54; fine gravel 55. Water at 54.
East Zorra Twp. Con XI lot 6	C. Brooks	N. Steinman	July 29	4	8	24	29	Fresh	D	Clay 12; stony clay 41; clay 62; gravel 64. Water from 62 to 64.
Con XI " 6	B. Flood	"	May 15	4	8	42	17	"	D	Gravelly clay 9; hardpan 25; stony hardpan 33; blue clay 76; sandy dirty gravel 91; clay 99; gravel 104; rock shale sand 108; hard rock 130. Water from 112 to 130.
Con XI " 13	E. Tabor	B. Haskell	Jan. 3	4	10	20	21	"	D	Clay stones 33; hardpan 110; limestone 113. Water at 113.
Con XI " 15	J. Langdon	N. Steinman	July 22	4	10	64	57	"	D	Clay 8; hardpan 37; clay small stones 59; gravel hardpan 67; clay 81; hardpan 89; clay 98; hardpan 135; clay 158; hard grey rock 167. Water from 160 to 167.
Con XI " 17	C. Pacey	"	July 10	4	12	24	16	"	D	Clay 8; hardpan stones 30; clay 50; hardpan 66; clay 97; hardpan 121; clay 132; gravelly hardpan 138; shale 150. Water at 150.
Con XII " 4	J. Turner	"	June 26	4	12	15	11	Sulphur	D	Sand 11; clay 16; sandy clay 34; fine sand 40; rock sand 48; hard brown rock 66. Water at 52, 56 and 66.
Con XII " 6	Imperial Oil Co.	B. Haskell	Nov. 10	4	10	23	Flows	Fresh	C	Sandy Gravel stones 49; limestone 57. Water at 57.
Con XII " 13	Anglican Rectory	"	Aug. 25	4	7 1/2	55	29	"	D	Stones clay 45; hardpan 99; limestone 152. Water at 152.
Con XII " 20	East Zorra School Board	N. Steinman	May 1	5	20	22	4	"	P	Clay 38; hardpan stones 44; clay 59; hardpan 82; dirty gravel 85; clay 96; gravel 109; shale 111. Water at 111.
Con XII " 22	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Apr. 18	6	25	31	26	"	P	Clay boulders 12; hardpan 26; quicksand 82; hardpan 106; gravel 108; hardpan 125; gravel 128; hardpan 154; gravel 156; grey limestone 171. Water at 164.
Con XII " 35	K. Yentzi	N. Steinman	Dec. 5	4	15	16	Flows	"	D, S	Clay 47; gravelly hardpan 89; gravel 91; hardpan 105; soft rock 107; limestone 145. Water from 110 to 145.

North Norwich Twp.									
Con	1	lot 7	F. Cohoe	K. McLeod & Sons	Aug. 4	4	5	15	5
Con I	"	" 14	S. Tribe	"	July 30	4	5	16	"
Con III	"	" 2	W. Bishop	J. Stefan	July 14	4	4	58	"
Con III	"	" 7	J. Lenon	W.E. Looker	June 18	5	10	25	"
Con III	"	" 8	L. Hinde	G. Warren	Aug. 21	5	10	32	"
Con III	"	" 16	A. Gee	K. McLeod & Sons	Aug. 31	4	5	30	"
Con IV	"	" 15	B. Mitchell	"	Sept. 20	5	5	63	"
Con V	"	" 1	E. Wiedrick	L. Smelser & Sons	Jan. 27	7	12	52	"
Con V	"	" 3	J. Roswell	"	Feb. 24	7	15	12	"
Con V	"	" 7	L. Bucholtz	W.A. Belore	Oct. 22	2	7 1/2	18	"
Con V	"	" 16	K. Mclelland	K. McLeod & Sons	Feb. 28	3	3	Flows	"
Con VI	"	" 6	A. Beusaert	W. Belore	Apr. 13	1	8	13	"
Gore	lot 67		E. Ryckman	I. Smelser	Feb. 14	7	10	40	"
North Oxford Twp.									
Con I	lot 4		M. Hutchinson	K. McLeod & Sons	Sept. 15	5	7	60	Fresh
Con I	" 19		A. Crawford	"	Jan. 15	5	6	140	"
Con I	" 21		Ont. Hydro Ele- ctric Power Comm.	S. Gill	Aug. 24	5	12	119	"
Con I	" 24		R.M. Pow	K. McLeod & Sons	Nov. 19	4	6	65	"
Con I	" 29		F. Smart	"	Apr. 6	5	6	70	"
Con II	" 2		V. Banks	"	Oct. 10	4	4	120	"
South Norwich Twp.									
Con VII	lot 9		J. Mayer	G. Warren	Aug. 16	5	9	23	Fresh
Con VII	" 20		M. Miller	E. Hoover & Sons	June 1	5	5	40	"
Con VII	" 24		E. Miller	"	June 10	5	5	40	"
Con VIII	" 20		G. Maldeklis	J.H. Weaver & Son	Mar. 31	1	7 1/2	4	"
Con VIII	" 20		"	G. Warren	Sept. 29	5	7 1/2	28	"
Con IX	" 6		G. Davis	R. Hodgson	Aug. 6	2	90	16	"
Con IX	" 22		Springford Water System	G. Warren	July 10	7	17	56	"
Con X	" 27		B. Wolfe	"	Oct. 2	5	5	98	"
Con XI	" 18		R.G. Hurley	J.H. Weaver & Son	July 10	3	8	10	"

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# APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP- INC. TEST	PUMP- INC. LEVEL	STATIC WATER LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. South Norwich Twp. Con XII " lot 13 " 20 " 21 " 25	C. Demeyere	J. H. Weaver & Son	Oct. 28	1	8		12	Fresh	C	Open pit 4; white sand 8; white sand large stone 12; coarse gravel 18; medium gravel 20; coarse sand 25. Water at 12.
	J. Stover	L. Hodgson & Sons	Nov. 18	2	7½		5	"	Ir	Yellow sand 5; sharp sand 30. Water at 6.
	G. Fulop	"	Nov. 26	2	5		5	"	Ir	Yellow sand 5; sharp sand 30. Water at 5.
	G. Gyulveszi	G. Warren	Mar. 11	5	5	50	38	Sulphur	D, S	Yellow clay 6; soft grey clay 28; clay stones 90; limestone 91. Water at 91.
	R. Herron	G. Warren	Apr. 22	4	1	4	36	Fresh	D	Yellow sand 8; grey clay 37; sand 42; grey clay 72. Water from 37 to 42.
Tillsenburgh	M. Hoper	W. E. Locker	June 3	1	2		25	"	D	Open pit 6; clay 16; yellow sand 25; sand 26; clay. Water at 25.
	R. Corner	J. H. Weaver & Son	June 26	1	8		20	"	D	Topsoil 1; yellow sand 5; white sand 26; clay. Water at 20.
	Other Valley Co-op Inc.	"	July 29	2	17		19	"	C	Topsoil 1; yellow sand 5; white sand 17; brown quicksand 24; brown sand 27. Water at 19.
	E. S. Vance	G. Warren	Aug. 6	5	17	8	Flows	"	D	Yellow sand 6; sand 10; clay pebbles 24; dirty gravel 28; fine gravel 34. Water from 28 to 34.
	M. Watts	J. H. Weaver & Son	Dec. 11	2	8		35	"	D	Brown clay 8; sandstone 8; white sand 20; brown clay 21; white sand 35; light brown quicksand 43. Water at 35.
West Oxford Twp. BF lot 1 " 13 " 16 " 13 " 15 " 23 " 3 " 9 " 5	J. Denby	N. Steinman	June 15	4	8	63	47	Sulphur	D	Open pit 5; boulders gravel 33; clay 45; hard grey limestone 90. Water from 47 to 72 and from 85 to 90.
	T. Sprat	K. McLeod & Sons	Apr. 23	5	6	110	90	Fresh	D	Blue clay 60; hardpan stones 120; limestone 131. Water at 130.
	E. Sexsmith	"	May 27	5	6	45	38	"	D	Red sand 28; hardpan boulders 44; limestone 54. Water at 54.
	P. Pettman	"	June 15	5	6	130	90	"	D	Brown clay 20; blue clay 70; hardpan boulders 137; limestone 174; water at 170.
	F. Crane	"	Nov. 5	4	5	50	45	"	D	Brown clay 15; hardpan stones 73; limestone 76. Water from 74 to 76.
	I. Baluta	W. Dale	Sept. 30	5	8	52	43	"	D	Coarse sand 17; gravel sand 26; gravel 30; cemented gravel 53; gravel clay 104; brown limestone 112.
	W. Musgrave	B. Haskell	July 10	4	7½	29	13	"	D	Red clay 17; blue clay 46; blue hardpan 13; dirty sand clean gravel 136. Water at 136.
	C. Lawler	J. H. Weaver & Son	Feb. 18	1	8		19	"	D, S	Open well 24; fine sand 34; water at 19.
	P. Trnka	B. Haskell	Aug. 4	3	5	46	41	"	D	Red clay 36; dirty sand 47; sandy hardpan stones 158; dirty sand 170; blue clay 184; hard gravel 220; shale 225; limestone 229. Water at 229.
	C. Wallis	K. McLeod & Sons	Mar. 13	5	6	80	60	Fresh	D, S	Brown clay 20; hardpan stones 116; limestone 132. Water at 130.
West Zorra Twp. Con II lot 5 " 34 " 16 " 3 " 10 " 23 " 9 " 3	P. Monteith	B. Haskell	Oct. 1	4	8	90	80	"	D	Clay stones 43; hardpan 8; sandy hardpan 12; sand 130; hardpan 135; limestone 182. Water at 182.
	C. Munroe	K. McLeod & Sons	Apr. 24	5	5	5	Flows	"	D, S	Brown clay 15; blue clay 60; sand 90; gravel hardpan 142; gravel water at 142.
	W. Brower	"	July 10	4	5	85	80	"	D	Brown clay 15; blue clay 45; hardpan 107; limestone 149. Water from 140 to 149.
	D. Ross	"	Apr. 1	5	6	36	35	"	D, S	Gravel 25; gravel hardpan 71; gravel 77. Water from 71 to 77.
	Twp. West Zorra School	"	May 9	5	6	40	30	"	P	Brown clay 20; blue clay 100; hardpan stones 170; hardpan stone 170; fine sand 180; coarse gravel 184. Water from 170 to 184.
	W. Smith	"	June 22	5	5	60	56	"	D, S	Brown clay stones 30; hardpan stones 107; gravel 138. Water from 107 to 138.
	C. Jack	"	Dec. 17	4	5	50	35	"	D	Gravel 44; hardpan stones 100; blue clay 120; white hardpan 130; limestone 132.

Con XII	lot 14	J. Franke	Gateway Well Drilling	Nov. 23	2	3	30	30	Fresh	D	Grey clay 97; quicksand 108; light grey granite 152. Water from 117 to 159.
Corling Twp. Con X Con X	" " 19 " 19	S. Beauchage " "	Jutras Const. " "	July 21 July 21	2 2	7 $\frac{1}{2}$ 5	8 15	6 12	Fresh "	D D	Grey granite 80. Water at 72. Grey granite 80. Water at 72.
Poley Twp. Con B Con B Con X Con XI	lot 146 " 146 " 33 " 33	T.C. Easton H. Toms H. Pohl Bennet Wood Product Ltd.	Jutras Const. " " F.C. Hammond Jutras Const.	July 15 Dec. 22 Aug. 19 Aug. 7	2 2 5 2	2 1 2 3	25 8 37 36	23 5 11 26	Fresh " " "	D P D D	Sand 3; granite blue mica 91. Water at 84. Pine sand 2; grey granite gabbro mica 130. Water at 120. Clay 7; granite 38. Water at 37. Gravel 8; granite 178. Water at 165.
Harrison Twp. Con VIII	lot 31	Ont. Dept. Lands & Forests	Jutras Const.	Feb. 21	2	2	20	10	Fresh	P	Sand 8; red granite 76. Water at 76.
Humphrey Twp. Con XII	lot 35	B. Wagner	F.C. Hammond	Apr. 21	5	4	24	14	Fresh	P, C	Sand gravel 58. Water from 32 to 58.
McDougall Twp. Con A Con A Con III Con IV Con IV	" 7 " 14 " 25 " 29 " 29	H. Demick G. Michaelis V. Macklaim G. Mann N. Mann	Jutras Const. " " F.C. Hammond Jutras Const. " "	July 15 June 6 Aug. 21 Oct. 9 Oct. 11	2 2 5 2 2	2 $\frac{1}{2}$ 7 9 16 3	35 16 10 26 12	18 10 15 8 4	Fresh " " " "	D D P P D	Quicksand 38; grey granite 191. Water at 180. Sand 3; grey granite 98. Water at 89. Sand 14; boulders gravel 36. Water at 36. Gravel boulders 11; granite mica 100. Water at 92. Sand 1; granite mica 75. Water at 67.
Mills Twp. Con XII	lot 25	A. Odorizzi	Gateway Well Drilling	Oct. 20	2	3	9	9	Fresh	D	Grey sand 8; dark grey diorite mixture 74. Water at 66.
Con XII	" 26	W. Ourvoisier	" "	Oct. 22	2	2 $\frac{1}{2}$	8	8	"	D	Grey sand 1; mixture of granite diorite mica 81. Water from 68 to 71.
Con XII	" 31	N. Gohn	" "	Sept. 15	2	1	14	14	"	D	Overburden sand 4; red granite 98; dark grey rock 126; red grey granite 225. Water at 220.
Mowat Twp. Con XV	lot 29	Ont. Dept. of Lands & Forests	Jutras Const.	Feb. 15	2	2 $\frac{1}{2}$	20	20	Fresh	P	Sand 18; grey granite 126. Water at 118.
Con XV	" 30	" "	" "	Feb. 4	2	3	20	5	"	P	Boulder sand 8; grey granite 133. Water at 130.
Con XV	" 30	" "	" "	Feb. 7	2	2 $\frac{1}{2}$	18	14	"	P	Sand 18; grey granite 120. Water at 115.
Con XV	" 30	" "	" "	Feb. 13	2	2 $\frac{1}{2}$	25	20	"	P	Boulder sand 35; grey granite 143. Water at 138.
Con XV	" 31	" "	" "	Feb. 10	2	3	35	15	"	P	Sand 3; grey granite 105. Water at 100.
Con XVI	" 29	" "	" "	Feb. 10	2	3	30	10	"	P	Boulder gravel sand 95; grey granite 150. Water at 142.
North Himsworth Twp. Con XXIII	lot 78	L. Byers	Gateway Well Drilling	Aug. 26	2	2	18	0	Fresh	D	Yellow sand granite boulders 18; red grey granite 151. Water at 84 and 143.
Con XXIV	" 4	W.J. Leclair	" "	Aug. 3	2	1	12	8	"	D	Overburden red gravel 5; red granite 63. Water at 52.
Con XXIV	" 4	A. Lamthe	" "	Dec. 9	2	2 $\frac{1}{2}$	8	8	"	D	Pine sand 1; red granite 71. Water at 64.
Con XXIV	" 8	W.A. South	J.J. Well Drilling	Apr. 25	6	1	25	3	"	D	Brown loam 7; red granite 16; brown granite 20; grey granite 25. Water at 16.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PARRY SOUND DISTRICT - cont. North Himsworth Twp. - cont. Con XXIV lot 8	R. Yerkie	J.J. Well Drilling	Apr. 29	6	½	25	15	Fresh	D	Boulder clay 8; grey granite 25. Water at 18.
Con XXIV " 12	J. Culham	Gateway Well	July 2	6	1	27	7	"	D	Clay boulders 16; red granite 25; grey granite 27. Water at 25.
Con XXIV " 26	J. Waldriff	Drilling	Sept. 10	2	3	15	12	"	D	Light grey sand 8; red granite 117. Water at 115.
Con XXV " 26	A. Lauzon	"	July 3	2	2½	16	8	"	D	Grey sand 16; light red granite 70; red granite 101. Water from 71 to 88.
Con XXVI " 1	Can. Legion Hall	J.J. Well Drilling	Apr. 17	6	½	30	10	"	D, P	Dug well 11; boulders gravel 14; red granite 25; grey granite 30. Water at 25.
Con XXVI " 2	V. McKeever	Gateway Well Drilling	July 25	2	2	8	8	"	D	Overburden sandy gravel 14; red granite 90. Water at 52 and 84.
Con XXVI " 2	W. Danther	J.J. Well Drilling	Aug. 1	6	½	30	10	"	D	Sand boulders 20; sand gravel 30; grey granite. Water at 30.
Con XXVI " 2	L. Wokey	"	Aug. 4	6	8	18	2	"	D	Sand boulders 20; pea gravel 28; gravel. Water at 28.
Con XXVII " 1	E. James	"	July 29	6	5	20	2	"	D	Sand fill 2; red granite 23. Water at 15.
Con XXVII " 1	H. Stackiebuy	Ont. Dept.	Nov. 20	2	4	35	20	"	D	Quicksand 12; grey granite 145. Water at 143.
Con XXVII " 2	Public Works	Gateway Well Drilling	Aug. 17	2	3	20	19	"	P	Overburden sand gravel boulders 45; red granite 75. Water at 64 and 66.
Con XXVII " 2	G.L. Kervin	"	Sept. 3	2	4	12	12	"	D	Overburden sand gravel 15; red granite 137. Water at 117.
Con XXVII " 2	G.N. Pinkham	"	Sept. 30	2	7	5	5	"	D	Yellow sand 6; red granite 69. Water from 57 to 59.
Con XXVII " 4	I. O'Shell	J.J. Well Drilling	Dec. 11	6	5	57	9	"	D	Boulders clay 9; red granite 57. Water at 25.
Perry Twp. Con VI lot 19	M. Hunt	F.C. Hammond	July 16	5	2½	43	31	Fresh	D	Sand 4; clay hardpan 12; gravel boulders 43. Water at 43.
Con VI " 19	A.J. Dumont	"	July 18	5	8	16	12	"	D	Sand 15; gravel boulders 30. Water at 30.
Con X " 14	B. Leigh	W.J. Kimberley	Nov. 30	6	4	94	33	"	C	Coarse gravel 85; fine sand 94; coarse sand 98. Water from 94 to 98.
Ryerson Twp. Con I lot 20	T. Lawrence	F.C. Hammond	Aug. 12	5	½	44	7	Fresh	D	Dug well 4; grey granite 44. Water at 40.
Con XIII " 1	A. Vishnensky	"	July 3	5	½	82	63	"	D	Clay hardpan 7; granite 82. Water at 82.
South Himsworth Twp. Con II lot 20	Texaco Serv- ice Station	Gateway Well Drilling	Dec. 1	2	5	8	2	Fresh	C	Yellow sand 5; grey quicksand 90; coarse gravel 91. Water at 90.
Con IX " 15	W. Souter	J.J. Well Drilling	May 25	6	1½	170	75	"	C	Sand boulders 26; grey granite 170; red granite 174. Water at 170.
Con XIII " 8	H. Amell & G. Jones	Jutras Const	May 4	2	1½	32	22	"	D	Grey sand boulders 25; gravel 32. Water at 32.
PEEL COUNTY Albion Twp. Con I lot 20	Village of Caledon East	D. Jacobson	Jan. 25	6			3½	Fresh	T 2-59	Brown sand 2; black muck sand 16; grey clay 18; quicksand 46; gravel quicksand 48; fine sandy clay 62; quicksand 101; gravel quicksand 102; soft sandy clay 119; hardpan shale cuttings 123. Water at 46 and 101.
Con I " 21	"	"	Mar. 8	6	80	38½	9	"	T 3-59	Sandy loam 11; stones sand gravel brown clay 16; gravel boulders sand stones 16 to 35; coarse sand fine gravel 40; fine sand 41; gravel sand 44; fine sand 55. Water at 16.



Con	Lot	Village of	International	Nov. 13	2	16	12	8½	Fresh	T	Notes
Con I	" 21	Orlédon East	Water Supply	Nov. 26	2	30	15	8½	"	1-59	Topsoil 1; dirty fine sand clay 4; sand gravel 15; sand gravel boulders 31; coarse sand gravel 37; sand gravel boulders 42; coarse sand gravel 55; sand clay gravel 61. Water at 55.
Con I	" 21	"	"	Nov. 26	2	30	15	8½	"	2-59	Topsoil 1; sand gravel boulders 44; fine sand 61; fine silty sand clay 83. Water at 61.
Con I	" 36	J. Robinson	C. McClure	Sept. 20	5	4	27	27	"	3-59	Topsoil 1; fine silty sand boulders 8; sand gravel boulders 30; sand gravel 41; sand clay 51; fine sand clay 61. Water at 51.
Con I	" 37	Glen Haffey	"	July 2	4	4	90	50	"	P	Coarse gravel boulders 22; limestone 55. Water from 48 to 55.
Con I	" 37	Conservation	"	July 23	4	4	104	64	"	P	Stones silt clay 68; red shale 134. Water at 134.
Con II	" 4	"	"	July 23	4	4	104	64	"	P	Topsoil 1; sandy clay 71; red shale 136. Water at 134.
Con II	" 4	F. Maurice	W.E. Core & Son	Oct. 26	4	2	31	18	"	P	Brown clay 19; quicksand 27; blue shale 82. Water at 80.
Con II	" 5	V. Popiel	M. Babluk	Dec. 3	30	1	25	25	"	D	Brown topsoil 12; grey clay pebbles 43; sand 45. Water at 45.
Con III	" 2	K. Barratt	"	Aug. 17	30	1	22	22	"	D	Brown topsoil 11; grey clay pebbles 45; grey sand 47. Water at 47.
Con III	" 3	C. Hunt	J.L. Horan	Oct. 20	18	24	24	24	"	D	Brown clay 23; blue grey clay 42. Water at 36.
Con III	" 33	T. Smith	S. McCauley	Mar. 30	7	1	145	26	"	D, S	Yellow clay sand 42; blue clay sand 80; red clay 94; red shale 98; blue shale 130. Water at 140.
Con IV	" 1	M. Lengen	M. Babluk	Sept. 9	30	1	25	25	"	D	Brown topsoil 26; grey clay pebbles 44; grey sand 46. Water at 46.
Con IV	" 5	W. Byham	"	July 17	30	2	20	20	"	D	Brown topsoil 16; grey clay pebbles 68; grey coarse sand 70. Water at 70.
Con IV	" 34	R. Lundy	C. Smith	July 8	4	8	28	21	"	D	Dug well 22; sandy clay 50; gravel clay 65; gravel 66. Water from 60 to 66.
Con V	" 5	S.S. # 2	M. Babluk	Jan. 14	22		32	32	"	P	Dug well blue clay 42. Water at 32.
Con V	" 5	"	R. Dick	Nov. 30	24	40	34	34	"	P	Brown clay 24; blue clay 34; quicksand 40; hardpan 50. Water from 34 to 40.
Con V	" 10	Bolton School	P. Spatuk	July 23	5	10	156	123	"	P	Brown loam 13; blue clay 79; clay gravel 90; hardpan 98; grey clay 133; quicksand 153; soft grey clay 173; quicksand 182; grey silt 202; hard grey clay 236; gravel clay 260; gravel 267; sand 281. Water from 267 to 281.
Con V	" 23	Albion Hills	P.R. Roadway &	Nov. 20	7	14	43	27	"	P	Red surface clay 18; soft blue clay silt 95; quicksand 112; coarse sand gravel 123; fine sand 126. Water at 126.
Con VI	" 4	O. Brooks	M. Babluk	July 20	36				"		Brown clay 18; blue clay 61; sandy blue clay 80; blue clay 104. Dry hole.
Con VI	" 13	H.P. Laplante	P.R. Roadway &	July 8	5	6	70	66	"	D, S	Brown clay 16; blue clay 22; silty clay stone 34; blue clay 95; silt 100; fine sand 112. Water at 112.
Con VII	" 8	K. Robinson	M. Babluk	Apr. 24	20		30	30	"	D	Brown clay 15; blue clay 44. Water at 44.
Con VII	" 13	H.P. Laplante	P.R. Roadway &	July 4	5	9	73	65	"	D, S	Brown surface clay 16; blue clay 35; sandy clay 56; quicksand 67; blue clay 80; coarse black sand 93. Water at 93.
Con VII	" 13	A. Peleley	King City Well	Aug. 3	4	20	100	80	"	D, S	Topsoil 2; clay 90; brown sand 160; clay 200; fine sand 210. Water at 200.
Con VIII	" 12	Connaught Laboratories	International Water Supply	Dec. 3	5				"	4-59	Topsoil 2; brown clay 5; gravel 6; brown clay 13; blue clay 52; soft clay 59; hard clay 64; clay 68; hard clay 85; clay gravel 90; silt clay 112; silt clay 121; silt 154; clay 172; clay boulders 220; blue shale 292.
Con VIII	" 12	"	"	Dec. 11	2	15	35	Flows	"	5-59	Topsoil 5; blue clay 38; silt soft clay 48; soft clay 60; silty clay 83; silt fine sand 91; soft clay 126; silty clay silt 163; gravel 165; soft clay gravel 170; soft clay 180; clay boulders 189.
Con VIII	" 23	C.C. Dacres	M. Babluk	May 26	30		30	30	"	D, S	Brown hardpan 61. Water at 61.
Con IX	" 22	H. Matson	"	May 26	30		7	7	"	D, S	Brown sand 20; Water at 10.
Con IX	" 25	J.P. Brooks	Ont. Well Digging Co.	Dec. 18	30	2	55	55	"	D, S	Fine sand 65. Water at 55.
Con IX	" 27	St. Mary Catholic Club	P. Spatuk	Aug. 12	30	25	20	11	"	D	Brown loam 10; gravel 17; sandy clay 56; sand 76. Water at 56.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

PEEL COUNTY - cont.	LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Brampton	Brampton	Brampton P.U.C.	International Water Supply	Feb. 9	5					T 1-59	Topsoil 1; hard brown clay boulders 11; boulders clay 14; hard brown clay broken gravel 24; cemented sand gravel clay 27; soft blue clay 29; cemented sand gravel clay 34; shale 36.
Brampton	Brampton	"	"	Feb. 18	5					T 2-59	Topsoil 1; soft brown clay gravel 10; cemented sand gravel clay 14; hard packed sand gravel boulders 20; cemented sand gravel clay 25; packed sand gravel clay 28; packed sand gravel clay 35; shale 49.
Brampton	Brampton	"	"	Feb. 25	5					T 3-59	Topsoil 1; grey clay 7; red clay 9; cemented sand gravel clay boulders 13; cemented sand gravel clay 19; cemented sand gravel clay 33; shale 39.
Caledon Twp.	HSE Con I lot 24	G. Black	C. Smith	Mar. 9	4	12	65	60	fresh	D, S	Boulders clay 30; sandy clay 34; brown limestone 90. Water from 80 to 90.
HSE Con I	" 26	E. Badford	"	Aug. 26	4	12	40	35	"	D	Stony clay 40; shelly rock clay 45; limestone 73. Water from 55 to 70.
HSE Con II	" 5	W.M. Vaughan	Babuik Well Boring	Nov. 28	30	1	12	12	"	P	Brown sandy clay 5; brown sand 12; quicksand 26. Water at 12.
HSE Con II	" 6	Scott Mission	"	May 15	36			10	"	P	Brown sand 31. Water at 31.
HSE Con IV	" 23	F.O. Black	"	Feb. 26	7			18	"	D	Brown sand 71; blue clay sand 111; fine sand clay 197. Dry hole.
HSE Con V	" 4	E. Holmes	S. McCauley	Nov. 25	7	15	20	34	fresh	D	Clay 15; stony clay 27; limestone 40. Water from 27 to 40.
HSE Con VI	" 1	S. McCauley	"	Nov. 1	16	1	34	34	"	D	Topsoil 1; yellow clay 18; blue clay 46; gravel 47. Water at 46.
HSE Con VI	" 2	L. Kovics	M. Babluk	Oct. 6	30	2	54	54	"	D	Brown topsoil 40; brown sand 64. Water at 54.
HSE Con VI	" 22	G. McCanless	C. McCure	Apr. 15	4	4	28	28	"	D	Brown clay 7; coarse gravel 32; hardpan 36; limestone 45. Water at 45.
HSE Con I	" 2	A. McDougal	"	Aug. 20	4	4	10	10	"	D	Sandy gravel 18; red shale 45. Water at 39.
HSW Con I	" 13	E. Armstrong	J.L. Graham	June 17	5	12	31	28	"	D, S	Sand 7; gravel 40; fine sand 85; gravel sandy clay 72; boulders 75; gravel 90; boulders 95; red clay stones 114; boulders red shale 118; red shale 124. Water from 117 to 124.
HSW Con I	" 15	"	"	June 26	5	6	90	15	"	D, S	Gravel 20; gravel clay 35; hardpan 63; blue clay large stones 70; blue hardpan 80; grey blue shale 105; red shale 118. Water from 85 to 118.
HSW Con I	" 26	E. Sawden	C. Smith	Mar. 14	4	15	25	17	"	D	Boulders clay 20; gravelly clay stones 45; clay 55; gravel 57. Water at 55.
HSW Con II	" 1	E. Sibbald	K. McCure	Apr. 28	4	3	95	28	"	D	Red clay 18; red shale 95. Water from 60 to 95.
HSW Con II	" 2	C. Wilson	C. McCure	Aug. 27	4	4	80	32	"	D	Red clay 10; red shale 80. Water at 80.
HSW Con II	" 22	E.A. Richardson	J.L. Graham	May 19	4	15	70	60	"	D, S	Sandy clay stones 20; boulders 25; hardpan stones 34; light brown limestone 65; dirty brown limestone 100; brown limestone 120. Water from 115 to 120.
HSW Con III	" 23	W. Edwards	E. Jacobson	Sept. 22	7	2	146	32	"	D	Brown sand boulders 38; brown sand salt gravel 46; brown clay sand boulders 60; grey clay 84; soft brown limestone 99; hard brown limestone 105; brown sandstone 128; red grey shale 146. Water at 104.
HSW Con III	" 23	J. Drew	C. Smith	Dec. 5	4	10	32	15	"	D	Topsoil 5; gravelly clay 32; fine sand 105; fine gravel 107. Water from 105 to 107.
HSW Con IV	" 9	C.A. Lamb	"	Oct. 15	4	4	260	85	Salty	D	Brown clay fill 21; red shale 260. Water at 96.
HSW Con IV	" 21	B. Seyler	C. McCure	Oct. 27	4	8	35	20	fresh	D	Gravelly clay 10; limestone 55. Water from 40 to 55.
HSW Con IV	" 23	J. King	"	May 21	4	12	15	3	"	D	Stony clay 16; limestone 40. Water from 20 to 40.
HSW Con IV	" 23	R. Boughman	"	June 10	5	10	20	15	"	D	Clay large boulders 25; gravelly clay 30; coarse gravel sand clay 35. Water at 35.
HSW Con IV	" 23	J. Treacy	"	June 20	4	8	16	10	"	D	Stony clay 12; sandy clay 20; gravelly clay shell rock 28; limestone 38. Water from 30 to 38.
HSW Con IV	" 29	Caledon Lake	S. McCauley	Sept. 12	7					D	Topsoil 1; sand 26; coarse gravel 121; limestone 131; coarse sand gravel 145. Dry hole.
HSW Con IV	" 29	"	"	Sept. 18	7					D	Topsoil 1; sand 26; coarse gravel 80; dry hole.

PEEL COUNTY - cont.  
Caledon Twp. - cont.

Caledon Twp. - cont.	Caledon Lake Co.	S. McCauley	Oct. 27	7	½	Flows	Fresh	D	Topsoil 1; coarse gravel 3; black muck 90; coarse gravel 146. Water from 92 to 146. Dug well 24; gravelly clay boulders 80; shaly rock gravel 91. Water from 80 to 91. Dug well 40; coarse sand stones 80; limestone 93. Water from 85 to 93. Gravelly large stones 27; hard boulders 32; gravel sand 45; sand 49; loose white limestone 50. Water at 50. Brown clay 21; limestone 45. Water at 45.
HSW Con IV lot 29	F. Rehan	C. Smith	July 4	4	10	50	34	"	"
HSW Con V	H. MacMillan	K. McClure	Nov. 3	4	1	85	35	"	"
HSW Con V	Williswood Farm	J.L. Graham	Mar. 9	7	10	46	45	"	"
HSW Con VI	R. Hertle	K. McClure	June 6	5	3	8	8	"	"
Chinguacousy Twp.									
HSE Con I lot 19	F. Newhouse	Babulwell Boring	Jan. 8	30			20	"	"
HSE Con I	G. Löse	"	Nov. 24	30			22	"	"
HSE Con I	W.M. McCormick	"	May 5	30			15	"	"
HSE Con II	P. Farmer	S. McCauley	Sept. 25	7	164		25	"	"
HSE Con II	C. Baker	J.L. Burton	July 27	4	1	100	27	"	"
HSE Con II	H. Campbell	Babulwell Boring	Aug. 21	30	75		8	"	"
HSE Con III	Public School	"	May 28	30			55	"	"
HSE Con III	H. Parkinson	"	July 11	30	5		55	"	"
HSE Con IV	J. Hewson	C. McClure	Apr. 30	6	4	39	13	"	"
HSE Con IV	Bramalea Developments	International Co.	Jan. 30	5			2-59	"	"
HSE Con IV	E.A. Pallett	M. Babul	Jan. 10	30	1		37	"	"
HSE Con IV	L. McKewon	"	Sept. 22	30	2		17	"	"
HSE Con IV	W. Grey	"	Sept. 16	30	50		23	"	"
HSE Con V	Bramalea Developments	International Co.	Jan. 13	2			30½	"	"
HSE Con V	K. Hyland	M. Babul	May 30	30	10		10	"	"
HSE Con V	H. Wilson	"	Sept. 26	30	12		17	"	"
HSE Con VI	R. Gardhouse	Babulwell Boring	Apr. 22	30			17½	"	"
HSE Con VI	A. Kidd	"	Sept. 2	30	1		15	"	"
HSE Con VI	Aer-o-way Motor	"	June 15	36			23	"	"
HSE Con VI	W. Sheard	S. McCauley	June 25	8			23	"	"
HSE Con VI	"	M. Babul	Sept. 2	30	10		8	"	"
HSE Con VI	W.C. Snell	"	Mar. 11	30	1		20	"	"
HSW Con I	A.L. Walton	S. McCauley	Nov. 11	7	8	60	20	"	"
HSW Con I	British American Oil Co.	C.H. Rutledge	June 1	8	3	67	8	"	"
HSW Con I	G. Leaseholds	J.L. Burton	Sept. 28	5	2½	64	20	"	"
HSW Con I	E. Shouldice	T. Longstreet	Mar. 10	6	10	23	20	"	"
HSW Con I	R. Hogg	Babulwell Boring	Sept. 10	30	4		12	"	"
HSW Con I	R. Sutton	"	Sept. 16	30	6		15	"	"
HSW Con I	R. Davis	"	Apr. 15	30			26	"	"
HSW Con I	I. Borowski	"	June 11	30			31	"	"
HSW Con I	"	"	Sept. 29	30	8		28	"	"

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION :	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PEEL COUNTY - cont. Chiquagocony Twp. cont										
HSW Con I	M. Kolar	C. Smith	June 25	4	3	150	30	Fresh	D	Dug well 38; stony blue clay 135; dolomite 160. Water from 135 to 160.
" 29	H.J. Currie	K. McClure	Oct. 2	4	3	20	20	"	D	Dug well 20; coarse brown sand clay 120; medium gravel sand clay. Water at 120.
HSW Con I	D. McDonald	"	May 15	4	1	240	90	"	D, S	Old well 140; sand red clay 214; blue shale 240. Water from 214 to 240.
HSW Con II	J. Sterret	W. Burton	Apr. 15	5	2	45	10	"	D	White clay 16; red shale 48. Water at 45.
HSW Con II	D. LeaseHolds	W.E. Core	Nov. 19	4	2 1/2	68	18	"	C	Topsoil 1; brown clay boulders 32; red clay 47; red shale 116. Water at 114.
HSW Con II	J.C. Britton	B. Huffman & Sons	Oct. 30	6	7	43	15	"	P	Red clay 15; red shale 61. Water at 58.
HSW Con II	G. Page	F.M. Dennis	May 23	7	1	75	10	"	D	Topsoil 1; yellow clay 15; red clay 38; red shale 75. Water at 45 and 75.
HSW Con II	J. Groat	J.R. Sproul	July 6	5	3	60	20	"	D	Clay 25; gravel stones 40; gravel clay 49; red shale 79. Water at 60 and 75.
HSW Con II	P. Perincola	BabukWell Boring	July 7	30			8	"	D	Brown clay 7; blue sand 20; blue clay 24; gravel 26. Water at 8;
HSW Con III	E. McKay	J.R. Sproul	Dec. 2	5	1	70	15	"	D	Blue clay 25; blue clay gravel 30; red shale 70. Water at 45, 63 and 65.
HSW Con III	G. Hume	W.E. Core	Jan. 14	5	4	42	22	"	D	Dug well 10; red shale 81. Water at 81.
HSW Con III	G. Hunt	J.L. Burton	Oct. 15	5	2	47	10	"	D	Dug well 15; red shale 55. Water at 50.
HSW Con III	J.H. Davis	BabukWell Boring	Nov. 12	30	1	42	12	"	D	Sandy brown clay 19; shale 24 1/2. Water at 14.
HSW Con III	T. Beckford	F.M. Dennis	May 4	7	10	40	20	"	P	Red clay 5; soft shale 6; hard shale 60. Water from 32 to 57.
HSW Con III	J.W. Archdekin	Drilling Co.	Dec. 31	7	5	42	8	"	D, S	Topsoil 1; yellow clay 5; red clay 7 1/2; red shale 70. Water at 65.
HSW Con III	D. McClure	K. McClure	July 28	7	8	10			D	Topsoil 1; red clay 22. Dry hole.
HSW Con III	M. McOutcheon	P.M. Dennis	May 5	7						Topsoil 2; yellow clay 38; coarse gravel 42. Water at 42.
HSW Con III	J. Williamson	Drilling Co.	May 19	6						
HSW Con III	D. Allen	W.E. Core	Dec. 22	4	4	44	4	Fresh	D	Topsoil 1; yellow clay 19; silt quicksand 32. Dry hole.
HSW Con III	P. Dolson	W. Babuk	Dec. 22	30	3		16	"	D	Topsoil 1; brown clay 32; sand 73; gravel 75. Water at 74.
HSW Con III	C. JUDGE	BabukWell Boring	Nov. 18	30	1		38	"	S	Brown topsoil 8; grey clay pebbles 34; sand 36. Water at 36.
HSW Con III	A. Henderson	"	Jan. 3	30			38	"	S	Brown clay 12; blue clay 58; gravel 60. Water at 58.
HSW Con III	S. Jones	"	July 27	40	1	38	17	"	D	Brown sand 50. Water at 40.
HSW Con III	N. Blair	BabukWell Boring	Aug. 5	30			12	"	D	Topsoil 1; brown clay 37; medium gravel 38. Water from 37 to 38.
HSW Con IV	F.W. Kischel	W.E. Core	Oct. 5	5	2	80	16	"	D	Red clay shale 11; shale 24. Water at 14.
HSW Con IV	H. Gates	BabukWell Boring	Mar. 10	22	1	72	15	"	C	Dug well 15; red shale 65; blue shale 81. Water at 81.
HSW Con IV	P. Bird	BabukWell Boring	Mar. 10	5	2	72	8	"	D	Dug well 15; sandy blue clay boulders 21. Water at 21.
HSW Con IV	H. Hubbard	J.L. Burton	Sept. 2	5	2	58	10	"	D	Dug well 5; red shale 72. Water at 72.
HSW Con IV	E. Carney	BabukWell Boring	Nov. 19	20	4		10	"	D, S	Brown clay 6; brown quicksand 25. Water at 25.
HSW Con V	A. Cross	"	Mar. 10	42			12	"	In	Brown quicksand 27. Water at 12.
HSW Con V	J.C. McCauley	"	Mar. 10	42			12	"	In	Brown quicksand 27. Water at 12.
HSW Con V	C.T. Sanderson	J.B. Longstreet	Oct. 16	32	1 1/2		12	"	D	Hard clay 3; gravel 6. Water at 3.
HSW Con V	Huttonsville	BabukWell Boring	Mar. 12	6	1 1/2	88	12	"	D	Sand gravel 32; grey shale 88. Water at 85.
HSW Con V	"	"	Apr. 16	30			3	"	D	Brown gravel 15; sandy blue clay 22. Water at 22.
HSW Con V	I. Countryman	"	July 31	30			6	"	D	Gravel boulders 5; sand boulders 8; sandy blue clay boulders 22 1/2. Water at 6.
HSW Con V	E. Collins	J.R. Sproul	Dec. 15	6	9	70	24	"	In	Sand 12; blue clay gravel 29; red shale 121. Water at 45, 63, 75, 85, 105 and 118.
HSW Con V	J. Laidlaw	C. McClure	Aug. 5	4	1 1/2	85	25	"	D	Dug well 120; red shale 90. Water from 60 to 90.
HSW Con V	C. Prasad	Babuk Well Boring	Nov. 21	30	10	36	11	"	D, S	Brown clay 5; blue clay gravel 31; coarse gravel 33. Water at 31.
HSW Con VI	J. & R. Kay	F.M. Dennis	Jan. 14	6	8		17	"	In	Yellow clay 18; fine sand silt 36; stones gravel 42; silt 46; red clay 48; red shale 60. Water at 22, 40 and 60.

PEEL COUNTY - cont. Chingancoushy Twp. - cont.	B. May	B. Hunt	June 28	36	7½	14	Fresh	S	Brown clay stone 8; red clay 14; grey clay large stones 17; coarse gravel 20. Water at 17. Brown clay 4; sand 20. Water at 12.
HSW Con VI lot 2	J. Wedgewood	Babuk Well	Mar. 19	30		10	"	In	
HSW Con VI "	E. Hyatt	Boring	July 11	30	4	15½	"	D	Brown clay 12; blue clay 37½. Water at 35.
HSW Con VI "	J. Weallans	C. McClure	July 30	7	4	12	"	D	Red shale 42. Water at 40.
HSW Con VI "	F.S. Jorgenson	D.P. Jacobson	July 13	7	1	104	"	D	Dug well 27; grey clay 47; fine brown sand 102; grey clay 119; grey silty sand clay 136; silty sand fine gravel 140; grey fine sand 166; red shale 210. Water at 172, 176 and 198.
Toronto Twp.	M. Allsworth	Babuk Well	Sept. 3	30	4½	43	Fresh	D	Brown clay 52; sand 55. Water at 52.
DSN Con I lot 32	B. Kie	P. Spatuik	Aug. 21	7	20	Flows	"	Ir	Peat loam 8; soft white clay 18; sandy clay 48; fine grey sand 62. Water at 48.
DSN Con I "	Imperial Oil	F.R. Roadway & Son	May 5	5	1	12	"	N	Red quicksand 4; layers blue clay shale 72. Water from 40 to 72.
DSS Con I "	J.-d. Childs & Sons	C.R. Rutledge	May 7	5	8	65	"	N	Fine red quicksand 4; blue clay shale 72. Clay stones 25; clay 38; shale 77. Water at 60.
DSS Con I "	H. Flack	E.E. Jacobson	July 10	6	6	80	"	D	Clay stones 20; clay 40; shale 82. Water at 50.
DSS Con I "	W.N. Cronin	M. Babuk	Nov. 24	7	1½	69	"	D	Brown clay 18; grey clay stones 55; grey quicksand 58; grey clay 59; grey shale 76. Water at 69.
DSS Con II "	E. Madill	W.E. Core	Aug. 29	30	50	43	"	D	Brown topsoil 8; grey clay 34; gravel 35. Water at 35.
DSS Con II "	F. Oram	"	Sept. 28	4	1	82	"	D	Topsoil 1; brown clay 7; sandy clay 27; blue shale 43. Water at 40.
HSE Con I "	I.R. Sparling	M. Babuk	Apr. 2	30	1	16	"	D	Dug well 36; blue clay 84; sand 104; gravel 106. Water at 105.
HSE Con I "	Yeat Lum Lee	B. Huffman & Sons	Mar. 24	6	250	Flows	"	Ir	Topsoil 12; grey clay pebbles 34; sand fine gravel 35. coarse gravel 36. Water at 36.
HSE Con II "	T.C. Usner	W.E. Core	June 20	5	2	70	"	D	Black loam 8; silt 19; quicksand 120; coarse gravel 127. Water at 127.
HSE Con III "	A. Payne	C. McClure	May 12	4	4	15	"	D	Topsoil 2; blue clay 32; sand 73. Water at 73.
HSE Con IV "	J.A. McBride	W.E. Core	Nov. 3	4	4	15	"	D	Dug well 20; stony blue clay 68; coarse gravel 70. Water from 68 to 70.
HSE Con IV "	E. Brant	"	July 9	5	1	38	"	D	Dug well 11; blue shale 38. Water at 26.
HSE Con IV "	H. White	K. McClure	Apr. 20	5	1	10	"	D	Clay stones 10; blue clay 15; blue shale 61. Water at 61.
HSE Con IV "	D. MacLachlan	"	June 23	4	1	66	"	D	Brown clay 2; blue clay 20; blue shale 66. Water from 50 to 66.
HSE Con IV "	M.J. Boylen	D. Loughheed	Sept. 7	7	1	66	"	D	Topsoil 1; blue clay 15; blue shale 66. Water from 40 to 66.
HSE Con IV "	"	"	Sept. 5	4	1½	17	Salty	D,S	Clay boulders 31; grey shale 90. Water at 55.
HSE Con IV "	"	"	Oct. 12	7	2	90	Fresh	D,S	Clay boulders 22; grey shale 100. Water at 60.
HSE Con IV "	"	"	Oct. 21	7	1½	50	"	D,S	Topsoil 1; brown clay 14; silt 15; blue clay 24; stones grey shale 60. Water from 24 to 50.
HSE Con IV "	J.A. Madgett	S. McCauley	Oct. 10	7	1	85	Salty	D,S	Topsoil 2; yellow clay 17; blue clay 35; blue shale 88. Water at 85.
HSW Con I "	S. Vangelder	E.E. Jacobson	Nov. 20	5	1	30	Fresh	D	Brown clay 18; grey shale 51. Water at 30.
HSW Con I "	F. McGovern	K. McClure	Dec. 7	5	3	90	"	D	Dug well 27; quicksand 74; blue shale 97. Water at 90.
HSW Con II "	W.A. Wright	J.B. Longstreet	Jan. 28	6	1½	141	"	D,S	Brown clay gravel 60; quicksand 125; gravel 130; shale 141. Water at 130.
HSW Con II "	Toronto Twp. S.S.# 1	M. Babuk	Jan. 20	30	20	22	"	P	Brown topsoil 12; grey clay pebbles 63; gravel 64. Water at 64.
HSW Con II "	W. Vest	Babuk Well Boring	Sept. 7	30	10	21	"	D	Brown clay 11; hard blue clay 41. Water at 30.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
PEEL COUNTY - cont. Toronto Twp. - cont. HSW Con II lot 11	A. Copeland	Babuik Well Boring	July 28	18	< 1/2		15	Fresh	D	Brown clay 21; blue clay boulders 30; blue clay 80; sandy blue clay 92. Water at 80.
	W. Tait Sr. H. Hassel	"	Oct. 20 Nov. 15	30 7	1/2 12	45	35 13	"	D	Brown sandy clay 10; blue clay boulders 50. Water at 50. Dug well 35; grey clay stones 70; grey sand clay 85; coarse gravel 97. Water at 97.
	W.H. Tait Jr. G. McKee	Babuik Well Boring	Oct. 22 Dec. 14	30 30	1/2 1/2		37	"	D	Brown sandy clay 10; blue clay boulders 57. Water at 57.
	W. Bain	J.L. Burton	Aug. 16	5				"	D	Brown clay boulders 2 1/2; brown sand 6; blue clay 32. Water at 4.
	J. Krutner	T. Longstreet	Feb. 28	6	1	84	45	"	N	Dug well 14; blue clay 32. Water at 32.
	Texas Service Station	C.H. Rutledge	July 8	6	< 1/2	120	17	Salty	C	Tsossil lined clay 4; hardpan, stone 75; shale 84. Water at 84. Clay stones 18; shale 120. Water at 45.
	HSW Con IV	F.M. Dennis Drilling Co.	Mar. 9	7	12	46	22	Fresh	D	Yellow clay 16; large stones 21; silt sand 30; silt 50; coarse gravel 60. Water at 60.
	W. Ladden	"	June 3	7	7	15	8	"	D	Tsossil 1; yellow clay 9; red clay 14; hard red clay 42. Water at 42.
	Toronto Gore Twp. Con VII lot 6 Con VIII " 2 Con VIII " 15	M. Babuik	Oct. 3	30	20		52	Fresh	P	Brown topsoil 15; grey clay pebbles 84; gravel 86. Water at 86.
		Babuik Well Boring	Apr. 22	30	30		8	"	D	Sandy clay 10; blue clay 32 1/2. Water at 32 1/2.
		M. Babuik	Aug. 14	30	< 1/2		32	"	D	Brown topsoil 12; grey clay pebbles 32; grey sand 33; grey clay 47; grey shale. Water at 32.
		S. McCauley	Aug. 26	5				"	N	Topsoil 1; yellow clay 25; blue clay 46; blue shale 80. Dry hole.
		C.E. Snider	Aug. 27	5				"	N	Topsoil 1; yellow clay 25; blue clay 34; hardpan 44. Dry hole.
	Con IX Con X " 3 Con X " 5 Con X " 11 Con X " 11	M. Babuik	June 20	30	10		25	Fresh	D	Topsoil 1; yellow clay boulders 6; blue shale 51.
		P. Spatuk	Nov. 3	30	6	80	28	Salty	D, S	Brown topsoil 15; grey clay pebbles 30; coarse sand 35; hard blue clay 43; sand gravel 45. Water at 30 and 43.
		R. Dick	Dec. 12	7	6			"	D	Black loam 3; brown clay 20; blue clay 35; silt 50; blue shale 88. Water at 88.
		"	Aug. 12	18				"	N	Brown clay 20; blue clay 34; fine sand 38.
		"	Aug. 20	18	1		27	Fresh	D	Brown clay 20; blue clay 34; fine sand 38. Water at 35.
PERTH COUNTY Blanshard Twp. Con III lot 6 Con IV " 21 Con XV " 13 Con XX " 22 Con XX " 22 SB " 23 TR " 37 WB " 8 WB " 9	A. Levey D. Nairn	C. & H. Kerr W.D. Hopper & Sons	Jan. 30	4 1/2 4	12 6	38 52	18 22	Fresh	S D, S	Brown clay 4; blue clay 102; grey limestone 126. Water at 124. Topsoil 1; yellow clay 11; blue clay 30; hardpan 80; cemented gravel 95; brown limestone 143. Water from 133 to 143.
	F. Wood	"	Apr. 24	4	10	125	120	"	D	Topsoil 1; yellow clay 10; blue clay 40; hardpan 70; broken rock 76; brown limestone 172. Water from 152 to 172.
	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Apr. 4	7	10	68	58	"	P	Gravel clay 97 1/2; grey shale 155. Water at 112.
	C. Sheldon	W.D. Hopper & Sons	Nov. 8	4	12	62	60	"	D	Dug well 15; blue clay 40; hardpan 74; loose rock 80; brown limestone 140. Water from 130 to 140.
	S.S.# 7	"	Apr. 1	4	10	118	110	"	P	Topsoil 1; yellow clay 12; blue clay 25; hard gravel 35; hardpan 124; broken rock 128; hard white limestone 140; brown limestone 225. Water from 205 to 225.
	J. Martin	"	June 8	4	10	83	80	"	S	Topsoil 4; yellow clay 15; blue clay 25; hardpan 90; stony hardpan 100; loose rock 105; brown limestone 183. Water from 160 to 183.
	M. Ulitch W. Shaeffer	"	Aug. 28 June 28	4 4	11 7 1/2	147 157	144 155	"	D D	Clay 15; clay stones 60; limestone 172. Water from 157 to 170. Clay 15; stones clay 65; stones 70; black limestone 184. Water from 175 to 184.



	L. Jaques	C. & H. Kerr	Aug. 25	5	12	55	30	Fresh	D	Fill 2; blue clay 70; gravel 72. Water at 70.
Downie Twp. Con I	lot 15	K. McKone	July 13	4	10	20	18	Fresh	D	Yellow clay 10; blue clay 65; hardpan 95; loose rock 100; light brown limestone 135; dark brown limestone 155. Water from 135 to 155.
Con I	" 16	H. Adair	July 6	4	12	18	17	"	P	Topsoil 1; yellow clay 12; stony clay 35; hardpan 100; loose rock 100; brown limestone 149. Water from 135 to 149.
Gore Con III	" 4	F. Conley	Jan. 31	6	4	45	32½	"	D	Clay 5; silty sandy clay 7; stony clay 30; gravel 51. Water from 43 to 51.
Gore Con I	" 6	D. Patterson	Apr. 20	4	12	87	72	"	D, S	Clay 26; hardpan 34; clay sand 48; hardpan 71; sand 58; hardpan 103; clay 151; hardpan 162; clay 169; shale 178; soft rock 203. Water from 195 to 203.
Gore Con X	" 10	D. Lupton	Nov. 3	4	8	45	35	"	D	Hard gravel stones 47; hardpan stones 110; shale 126; limestone 161. Water at 161.
Ellice Twp. Con I	lot 6	A. Peterson	Mar. 1	4	9	38	30	Fresh	D	Topsoil 1; sandy clay 8; yellow clay 20; hardpan 124; loose rock 128; brown limestone 160; black white limestone 184. Water at 180.
Con I	" 16	R. Reibling	Nov. 11	4	13	20	19	"	D	Topsoil 3; hardpan boulder 30; blue clay 60; sandy shale 85; red shale 90; brown limestone 160. Water at 160.
Con I	" 18	R. Ellison	July 25	4	12	20	17	"	D	Topsoil yellow clay 12; stony hardpan 35; blue clay 65; hardpan stones 95; soft loose rock 100; brown limestone 140. Water from 130 to 140.
Con III	" 1	H. Ackersviller	Sept. 9	5	15	60	40	"	D	Loam 4; hardpan 80; gravel 110; stones gravel 154; limestone 168. Water at 168.
Con III	" 2	Matheson Bros.	Sept. 23	4	12	40	36	"	S	Fill 4; sandy clay 20; blue clay 60; hardpan 135; loose rock 140; brown limestone 180; dark brown limestone 205; black white limestone 231. Water from 205 to 231.
Con III	" 12	P. Heenan	Aug. 26	4	12	32	30	"	D, S	Dug well 47; stony hardpan 100; loose rock 106; brown limestone 157. Water at 157.
Con VI	" 5	S.S. # 1	Apr. 8	7	15	11	4	"	P	Clay 22; marl 23; clay 39; gravel 43. Water at 39.
Con VI	" 16	M. Connolly	Aug. 16	4	10	22	20	"	D, S	Topsoil 1; yellow clay 12; dirty gravel 18; hardpan 90; stony clay 96; loose rock 100; dark brown rock 138; light brown limestone 149. Water from 138 to 149.
Con IX	" 24	D. Crowley	June 16	4	12	19	17	"	D, S	Dug well 27; hardpan 40; blue clay 80; gravel 95; shale 105; brown limestone 144. Water from 130 to 144.
Con X	" 20	G. Knechtel	May 19	4	12	31	30	"	D	Topsoil yellow clay 12; blue clay 90; hardpan 117; loose rock 121; yellow limestone 140; light brown limestone 160; dark brown limestone 178. Water from 160 to 178.
Con XI	" 15	G. Quipp	Sept. 10	5	18	48	40	"	D, S	Dug well 19; clay hardpan streaks 85; hardpan boulders 104; clay hardpan 127; gravel 128. Water at 128.
Con XIII	" 15	G. Rustin	Oct. 7	4	10	42	39	"	D, S	Topsoil fill 2; yellow clay 14; blue clay 70; hardpan 118; loose rock 122; brown limestone 195. Water at 195.
Con XVI	" 16	C. Gropp	Oct. 23	4	12	45	42	"	D, S	Topsoil 1; yellow clay 12; blue clay 28; sandy clay 40; hardpan 140; loose rock 145; brown limestone 225. Water from 195 to 225.
Con XVI	" 31	M. Deutschlander	May 27	4	15	15	12	"	D	Boulders clay 30; clay 68; brown shale 98; limestone 124. Water at 93.
Elma Twp. Con I	lot 31	Campbell Soup Co. Water Supply	May 24	10	560	28	18	"	In	Topsoil 1; clay 11; clay gravel 49; brown limestone 80; brown white limestone 170; grey limestone 220; grey white limestone 249; light brown limestone 266; grey limestone 282; brown limestone 295; grey white limestone 310; brown limestone 315. Water from 215 to 220 and from 285 to 295.

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PERTH COUNTY - cont.

North Easthope Twp.									
Con I	lot 42	L. Grummett	W.D. Hopper & Son	Jan. 7	4	10	52	50	D
Con I	" 42	A.&W. Drive-in Restaurant	"	July 1	4	10	52	50	C
Con II	" 20	Bell's School	C. & H. Kerr	May 14	4	15	55	37	P
Con IV	" 21	W. Beisel	"	July 18	4	10	170	140	D
Con IV	" 39	L. Ackersviller	F. Ince	Dec. 11	5	15	70	60	D,S
Con V	" 39	J. Kleinhenz	"	Nov. 30	5	20	45	35	D,S
Con VII	" 10	E. Neeb	N. Steinman	Nov. 24	4	10	107	86	D,S
Con XIII	" 22	A.W. Schultz	"	Oct. 20	4	12	54	48	D,S
South Easthope Twp.									
Con I	lot 36	J. Sebben	C. & H. Kerr	Jan. 3	4	15	58	54	D,S
Wallace Twp.									
Con I	lot 2	A. Pretty	C. Keeso	Oct. 23	4	15	68	65	D
Con I	" 18	L. Murr	"	Oct. 8	4	12	21	20	D
Con II	" 25	Listowel Co-op	"	Aug. 28	4	12	45	42	C
Con V	" 2	E.G. Hartung	"	Sept. 24	4	10	70	68	D,S
Con VI	" 43	J. McIlroy	"	Mar. 24	4	13	30	29	D,S
Con VII	" 25	Hospital	C. Goodberry Well Drilling Ltd.	Aug. 7	7	3	97	32	P
Con VIII	" 24	Hunter & Walkie	C. Keeso	Aug. 29	4	20	23	18	P
Con XI	" 11	S. Campbell	"	Dec. 22	4	14	20	19	D,S
PETERBOROUGH COUNTY									
Construer Twp.	lot 34	Stephen's & McDonald Ltd.	L.B. McDonald	May 26	6	1	10	5	C
Con II	" 36	T. Vance	"	June 5	6	1½	6½	6	D

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LOCATION	OWNER	DRILLER	COMPLETION DATE	DIA-METER	DIA-TEST	STATIC		KIND OF WATER	LOG AND REMARKS (Depths to which formations extend below the surface are given in feet)
						ING LEVEL	ING LEVEL		
PERTH COUNTY - cont. Elma Twp. - cont.	Con I lot 46	H. King	Sept. 30	4	15	18	17	Fresh	Topsoil fill 3;clay 25;hardpan boulders 55;gravel limestone 80;brown limestone 94;grey limestone 104. Water at 100.
	Con VIII " 16	Smith Lumber & Farm Supplies Ltd.	June 25	4	15	11	10	"	Topsoil fill 4;clay boulders 35;clay gravel 45;sandy clay 60;sandy rock 72;brown limestone 120;black rock 143. Water at 100, 120 and from 125 to 130.
	Con X " 15	L. Acheson	Apr. 23	4	12	3	1	"	Topsoil 2;hardpan boulders 30;clay 55;sandy clay gravel 60;shell rock 70;brown limestone 115. Water at 110.
	Con XVIII " 15	S.E. Jones	June 13	4	12	12	10½	"	Topsoil 2;clay 65;gravel limestone 72;brown limestone 120; Water at 110, 115 and 120.
	Con XVIII " 15	I. McLean	July 24	4	13	17	16	"	Topsoil fill 4;hardpan 35;clay gravel 60;shell rock 74; brown limestone 124. Water at 120.
	Fullerton Twp. Con II lot 25	W. Tuer	July 5	4	11	40	37	"	Clay 8;clay stones 75;hardpan 105;loose rock 149. Water from 135 to 145.
	Con III " 17	S. Vivian	July 6	4	10	63	58	"	Yellow clay 35;blue clay 72;hardpan 98;brown limestone 150. Water at 150.
Hibbert Twp. Con II lot 18	Con V " 16	J. French	June 29	4	10	66	57	"	Yellow clay stones 30;blue clay stones 97;brown limestone 157. Water at 157.
	Con XII " 26	School Section	Sept. 15	4	6	213	210	Sulphur	Clay stones 80;limestone 257. Water from 240 to 250.
	Con XIII " 16	F. Anderson	Apr. 24	4	8	247	240	Fresh	Sandy 8;clay 67;gravel 86;hardpan 130;grey limestone 286. Water at 286.
	Con II lot 18	C.Vanderpryt	Dec. 12	4	10	80	40	Fresh	White clay 3;yellow clay 10;blue clay boulders 100;blue clay 184;grey limestone 195. Water at 184.
	Logan Twp. Con II lot 16	U. Gethke	June 5	4	14	39	35	Fresh	Clay 30;clay stones 70;hardpan 96;limestone 148. Water from 140 to 148.
	Con IV " 14	R. Leek	Jan. 7	4	10	30	28	"	Hardpan 28;gravel 36;hardpan 76;brown rock 145. Water from 140 to 145.
	Con IV " 15	S.S.# 2	Jan. 29	4	10	35	30	"	Hardpan 60;gravel 68;hardpan 91;brown limestone 151. Water from 140 to 151.
Morrington Twp. Con II lot 6	Con VII " 12	J. Witschl	Dec. 28	4	11	19	18	"	Sandy clay 18;stony clay 30;hardpan 62;brown limestone 114. Water from 106 to 114.
	Con VIII " 31	L. Bennies	Apr. 15	4	12	40	38	"	Topsoil fill 6; hardpan boulders 50;sandy clay gravel 65; blue clay 90;shale 108;limestone 150. Water at 150.
	Con XVI " 5	J. Partridge	July 17	4	15	12	9	"	Dug well 12;clay gravel 65;shale 74;brown limestone 133. Water at 133.
	Con II lot 6	Ont.Dept. of Highways	May 29	6	20	60	25½	"	Topsoil 1;clay 14;hardpan 65;gravel 67;hardpan 100;gravel 103;hardpan 226;quicksand 284;gravel 287;quicksand 304;gravel 304;clay gravel 357;limestone 371. Water at 368½.
	Con VI " 8	E. Jacobs	Nov. 19	4	15	40	21	"	Topsoil 1;clay 3;gravel hardpan 16;clay 84;sandy gravel 105; clay shale 140;grey limestone 178. Water at 178.
	Con XIII " 15	P.Schediwitz	Oct. 6	4	13	62	55	"	Topsoil 2;clay stone 105;hardpan 105;clay 120;cemented gravel 139;red shale 157;sandy shale 175;limestone 196;brown rock 200. Water at 196.
	Con XIII " 15	A. Moser	Oct. 30	5	17	40	36	"	Open well 44;grey clay 30;sandy blue clay 68;gravel 80; grey clay 86;rough stones 88;hardpan 104;cemented sand 121; grey clay 141;fill 154;shale broken rock 168;solid bedrock 196;rock 196½. Water at 196.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
PETERBOROUGH COUNTY - cont										
Asp'model Twp. Con III lot 2	B. England	R. Halford	May 28	6	5	17	3	Fresh	D	Topsoil 1; clay stones 27. Water at 27.
Con III " 14	E. Lake	B. Summers & Son	July 13	6	2	10	10	"	S	Well pit 5; gravel 11; limestone 80. Water at 35.
Con IV " 4	J. Humphrey	"	Jan. 12	6	15	80	30	"	D	Brown clay 30; shell rock 32; limestone 130. Water at 125.
Con IV " 16	J. Hartwick	"	May 4	6	10	15	15	"	D	Topsoil 4; white sand 12; gravel 17; limestone 50. Water at 44.
Con VII " 18	R. Webster	"	Sept. 8	6	10	25	20	Sulphur	D, S	Loam 3; white sand fine gravel 15; hardpan 19; grey limestone 63. Water at 60.
Con VIII " 5	W. Klintworth	"	June 16	6	1	4	4	Fresh	D	Topsoil 1; limestone 27. Water at 10.
Con VIII " 7	W.R. Nelson	Otonabee Water Wells Ltd.	Sept. 3	6	1 1/2	63	9	"	S	Sandy clay 9; sandy gravel 18; grey clay rocks 31; limestone stringers clay 33; limestone 102. Water at 95.
Con VIII " 8	"	"	Sept. 1	6	1 1/2	50	11	"	D	Sandy gravel 22; grey clay 44; sand fine gravel 52; grey clay 58; limestone 164. Water at 68, 85, 95 and 108.
Con IX " 6	P. Nichol	C.J. Fraser	Apr. 19	6	2	28	15	"	D	Clay 29; gravel 30; limestone 31. Water at 30.
Con IX " 6	L. Heath	"	Apr. 20	6	3	20	10	"	D	Clay 30; gravel 31; limestone 32. Water at 30.
Con IX " 17	J. Dallman	Otonabee Water Wells Ltd.	Nov. 6	6	1 1/2	39	20	"	D	Sandy clay boulders 26; limestone 30; hard rock layer 30 1/2; limestone 40. Water at 32.
Con IX " 17	"	"	Oct. 19	6	6 1/2	50	33	Fresh	C	Sandy clay boulders 26; limestone 100. Dry hole.
Con IX " 19	Bell's B.A. Gas Station	B. Sumner & Son	May 26	6	6 1/2	35	30	"	S	Topsoil 3; gravel 35; sand 39; limestone 53 1/2. Water at 50.
Con X " 11	E. Clark	"	Jan. 27	6	10	35	30	"	S	Brown clay 11; hardpan 31; white sand 70; lake gravel 75. Water at 70.
Belmont Twp. Con III lot 18	S. Hornsby	B. Summers & Son	Apr. 10	6	10	8	5	"	D	Topsoil 2; boulders 8; blue rock 17. Water at 15.
Con III " 19	C. Baky	"	May 29	5	3	30	7	"	S	Topsoil 1; hardpan 44. Water at 44.
Con V " 10	G. D'afce	"	July 16	6	1	32	16	"	S	Topsoil 3; boulders 30; gravel 32. Water at 31.
Con V " 12	C. King	"	July 7	6	2	22 1/2	6	"	D	Topsoil 2; grey sand 11; blue rock 22 1/2. Water at 22 1/2.
Con VI " 12	G. Wilde	"	July 8	6	2	21 1/2	6	"	D	Topsoil 1; shale 14; broken rock 21 1/2. Water at 14.
Con VI " 13	C. Cook	"	May 7	6	1	10 1/2	3	"	D	Topsoil 3; blue rock 13 1/2. Water at 12.
Con VII " 6	D. Morrow	"	June 13	6	1	14 1/2	20	"	D	Topsoil 4; sand 20; gravel 41; limestone 74 1/2. Water at 50.
Con VIII " 8	W. Bannon	"	May 6	6	60	22	16 1/2	"	D	Topsoil 3; gravel 19; limestone 26; hard rock 33 1/2. Water at 31 1/2.
Con VIII " 10	G. Vardy	"	May 11	6	50	24	18	"	D	Topsoil 4; white sand 10; gravel 22; limestone 34. Water at 32.
Con XI " 6	W. Olsen	W. Sanderson	Sept. 10	6	10	35	30	"	S	Slate clay 14; limestone 96. Dry hole.
Burleigh Twp. NS Con XI lot 13	W. Bray	L.B. McDonald	May 7	6	5	15	15	Fresh	D	Sand boulders 12; granite 26. Water at 24 1/2.
NS Con XIII " 18	Spring Valley Hench	N.N. Faulkner	June 10	6	36	19	5	"	D	Topsoil 1; brown sand 14; dark grey sand 17; white rock 58; white rock red rock 62; white rock 74. Water from 72 to 74.
NS Con XIV " 25	J. Reynolds	L.B. McDonald	Oct. 15	6	1	38	9	"	D	Topsoil 9; granite 30. Water at 15.
SS Con V " 6	W. Henning	"	May 12	6	4	53	4	"	C	Clay 3; limestone 56. Water at 54.
SS Con V " 7	C. Shewer	"	Aug. 12	6	1	64	29	"	D	Fill 2; limestone 53. Water at 18.
SS Con V " 7	A. Dullmage	"	Aug. 12	6	1	64	29	"	D	Clay 4; limestone 64. Water at 58.
Curve Lake Indian Reserve Twp.	N. Jacobs	P.A. McNeely	Aug. 26	6	5	6	6	Fresh	D	Shale rock 10; limestone 30. Water at 30.
Douro Twp. Con I lot 27	K. Medill	B. Summers & Son	Aug. 24	6	1	30	15	Fresh	D	Topsoil 4; clay boulders 10; fine gravel 15; limestone 35.

## PETERBOROUGH COUNTY - cont.

Duro Twp. - cont.	H. Clements	G. Griffith	Oct. 11	5	1	41	13	Fresh	D
Peterson County - cont.	R.J. Gillespie	N.N. Faulkner	Nov. 27	6	10	20	10	"	D,S
Con III	Z. Risior	"	Dec. 17	6	8	20	10	"	D
Con IV	W. Miller	L.B. Macdonald	Mar. 28	6	5	13	13	"	D
Con V	M. Wilson	N.N. Faulkner	Dec. 26	6	10	23	13	"	D,S
Con VI	K.C. Tuckey	L.B. Macdonald	June 11	6	5	17	17	"	D
Con VII	R. Hopper	"	Nov. 4	6	5	17	17	"	D
Con VIII	F. Keating	Stuart Stockdale Well Drilling Co.	May 8	6	2½	37	11	"	D
Con IX	F. Kelly	"	May 13	6	2½	42	24	"	D
Con X	L. Coudon	W. Sanderson	Oct. 10	6	1½	58	12	"	D
Con XI	F. Pecockie	Stuart Stockdale Well Drilling Co.	Oct. 22	6	1	64	12	"	-
Con XII	B. Henley	N.N. Faulkner	Apr. 29	6	6½	43	14	"	D
Con XIII	A. O'Brien	W. Sanderson	July 17	6	10	47	15	"	D
Con XIV	L.G. Peterkin	Stuart Stockdale Well Drilling Co.	Feb. 13	6	17	20	6	Sulphur	D
Con XV	K. Scott	W. Sanderson	May 27	6	4	35	20	Fresh	D
Con XVI	P. Adamek	N.N. Faulkner	May 29	6	15	21	11	"	D
Con XVII	B. Young	Stuart Stockdale Well Drilling Co.	Jan. 10	6	4	25	12	Sulphur	D
Con XVIII	J.P. Gray	W. Sanderson	May 25	6	4	22	6	"	D
Con XIX	S. Leeper	N.N. Faulkner	June 12	6	8	53	8	Fresh	D
Con XX	"	"	Aug. 3	6	4	52	20	"	D
Con XXI	"	"	Aug. 10	6	5	35	18	"	D
Con XXII	C. Prangle	"	Oct. 8	6	3	21	10	"	D
Con XXIII	H. Coleman	"	Jan. 27	6	2	55	14	"	D
Con XXIV	W. Armstrong	"	Aug. 11	6	4	46	11	"	D
Con XXV	D.H. McCall	"	Jan. 12	6	9	39	33	"	D,S
Con XXVI	L.J. Hartman	"	June 8	6	5	15	13	"	D
Con XXVII	A. Urban	"	June 16	6	5	19	17	"	D
Con XXVIII	J. Harman	W. Sanderson	Sept. 1	6	15	20	16	"	D
Con XXIX	A. Dafoe	Stuart Stockdale Well Drilling Co.	Oct. 7	6	7	20	10	"	D
Con XXX	Parkhill Const. Co.	W. Sanderson	Feb. 25	6	5	40	6	"	D
Con XXXI	"	"	Mar. 25	6	5	35	6	"	D
Con XXXII	"	"	Mar. 31	6	5	37	8	"	D

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- LING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY										
- cont.										
Duoro Twp.- cont.										
Con XII lot I	Parkhill Const. Co.	W. Sanderson	Mar. 31	6	5	37	8	Fresh	D	Topsoil 2; brown clay stones 26; blue clay stones 40; dark limestone 45. Water at 45.
Con XII " 1	"	"	Apr. 23	6	5	28	12	Sulphur	D	Topsoil 2; clay stones 25; limestone 38. Water at 38.
Con XII " 1	"	"	May 29	6	10	15	4	Fresh	D	Topsoil 2; brown clay stones 15; blue clay 20; gravel 25. Water at 25.
Con XII " 1	Joore & Kreetzer Const. Co.	"	June 2	6	1	60	18	"	D	Topsoil 2; brown clay stones 18; blue clay 50; dark limestone 62. Water at 62.
Con XII " 1	Liftlock City Const. Co. Ltd.	"	July 14	6	1	80	15	"	D	Fill 2; brown clay stones 18; blue clay stones 46; dark limestone 90. Water at 46 and 88.
Con XII " 1	Parkhill Const. Co.	"	Aug. 10	6	6	48	8	"	D	Topsoil 2; clay stones 51; limestone 57. Water at 57.
Con XII " 1	"	"	Aug. 14	6	8	55	20	"	D	Topsoil 2; grey clay stones 18; blue clay stones 62; limestone 65. Water at 65.
Con XII " 1	"	"	Aug. 18	6	10	60	30	"	D	Topsoil 2; clay boulders 35; blue clay 67; limestone 70. Water at 70.
Con XII " 1	"	"	Aug. 21	6	6	55	35	"	D	Topsoil 2; clay stones 62; limestone 65. Water at 65.
Con XII " 1	"	"	Aug. 24	6	7	60	35	"	D	Topsoil 2; brown clay stones 20; blue clay stones 68; limestone 71. Water at 71.
Con XII " 1	W. Nicholls Const. Co. Ltd.	"	Sept. 1	6	6	35	20	"	D	Topsoil 2; clay stones 40; gravel 43. Water at 43.
Con XII " 1	"	"	Oct. 12	6	3	42	12	"	D	Topsoil 2; clay stones 45; limestone 47. Water at 47.
Con XII " 1	"	"	Oct. 15	6	3	52	14	"	D	Topsoil 2; clay stones 50; limestone 57. Water at 57.
Con XII " 1	"	"	Oct. 19	6	4	46	12	"	D	Topsoil 2; clay stones 49; gravel 51. Water at 51.
Con XII " 1	S. Leeper Bld. Co.	N.N. Faulkner	Oct. 26	6	4	22	15	"	D	Topsoil 1; brown clay stones 10; grey clay stones 30; gravel 32. Water from 30 to 31.
Con XII " 1	Liftlock City Const. Co. Ltd.	W. Sanderson	Oct. 30	6	4	57	12	Sulphur	D	Fill 2; clay stones 57; limestone 63. Water at 63.
Con XII " 1	"	"	Nov. 3	6	4	60	14	"	D	Topsoil 2; clay stones 60; limestone 66. Water at 63.
Con XII " 1	"	"	Dec. 10	6	7	50	12	Fresh	D	Topsoil 2; clay stones 18; blue clay boulders 47; limestone 68. Water at 60.
Con XII " 1	"	"	Dec. 14	6	8	50	12	"	D	Topsoil 2; clay stones 20; blue clay stones 56; gravel 58. Water at 58.
Con XII " 2	Young & Deagle Const. Co.	Stuart Stockdale Well Drilling Co.	Aug. 8	6	6½	20	15	"	D	Topsoil 1; brown clay stones 10; grey clay stones 30; gravel 30; grey clay stones 42; sand gravel 46. Water from 42 to 46.
Con XII " 3	J. Cripps	W. Sanderson	Aug. 14	6	20	20	12	"	D	Topsoil 2; clay stones 15; limestone 30. Water at 30.
Con XII " 4	D.H. Lewis Const. Co.	"	July 17	6	20	10	6	"	D	Topsoil 2; clay stones 20; gravel 22. Water at 22.
Dummer Twp.										
Con II lot 14	G. Hawkins	C. Griffith	May 2	5	3	19	16	Fresh	D	Gravel boulders 13; limestone 23. Water at 18.
Con II " 14	"	"	July 10	5	3	40	23	"	D	Previously drilled 23; grey limestone 50. Water at 18.
Con II " 25	S.S.# 4	"	Aug. 31	5	1	45	18	Gas	D	Gravel dirt 3; hard grey limestone 43½. Water at 43.
Con III " 5	S.S.# 1	"	Aug. 2	5	1	50	38	Fresh	D	Gravel 29; limestone 51. Water at 45.
Con IV " 13	D. Seaborn	"	Dec. 2	5	8	51	21	"	S	Topsoil 1; clay 6; soft grey limestone 81. Water at 77.
Con V " 3	R. Little	"	Oct. 17	5	3	10	3	"	D	Gravel 4; grey limestone 11. Water at 7.
Con VI " 28	C. Stinson	"	Sept. 30	5	1	65	35	"	D	Clay 22; limestone 65. Water at 30 and 48.
Con VII " 5	J.B. Thomas	B. Summers & Son	May 27	5	4½	33½	12	"	D	Topsoil 2; sand 7; shale 11; limestone 33½. Water at 27.
Con VIII " 5	H. Jones	C. Griffith	July 23	5	7	19	9	"	D	Clay 21; limestone 31. Water at 28.
Con IX " 16	W. Rusaw	B. Summers & Son	Nov. 9	6	10	33	25	"	D, S	Coarse gravel 6; boulders 12; limestone 34½. Water at 33.



Cont. Ennismore Twp.	lot 2	H. Youngs	Stuart Stockdale Well Drilling Co.	June 19	6	1	15	12	Fresh	D	Topsoil 1; brown clay stones 12; gravel stones 18. Water at 18.
Con I	" 6	C. Galvins	"	Dec. 2	6	2	24	8	"	D	Topsoil 1; brown clay stones 15; grey clay stones gravel 27; shale limestone 28. Water from 27 to 28.
Con VII	" 3	L. Perdue	Otonabee Water Wells Ltd.	Sept. 21	14	16	22	22	"	D, S	Dug well 22; limestone 31. Water at 22.
Con VII	" 10	S.S. # 1	"	Sept. 19	6	1½	53	21	"	P	Brown sandy clay rocks 13; grey clay rocks 23; boulders 27; limestone 60. Water at 36 and 56.
Con VIII	" 1	D. Crockett	W. Sanderson	May 1	6	4	35	4	"	D	Topsoil 2; sand 10; limestone 42. Water at 42.
Harvey Twp.	lot 5	The Church On The Rock	N.N. Faulkner	Nov. 26	6	8	30	10	Fresh	D	Topsoil 2; granite 43. Water from 40 to 43.
Con III	" 12	C. Aldred	P.A. McNeely	July 5	6	8½	8	8	"	D	Rock clay 5; grey limestone 32. Water at 32.
Con III	" 12	J. Hill	"	Mar. 28	6	8	8	8	"	D	Fine sand 20; grey limestone 40. Water at 40.
Con VIII	" 10	F. Clarkson	Stuart Stockdale Well Drilling Co.	May 29	6	20	14	5	"	C	Granite fill 20; red granite 29. Water from 26 to 29.
Con IX	" 8	G. Griffin	"	Apr. 9	6	7	15	4	"	D	Topsoil 1; brown clay sand 15; red granite 29. Water from 20 to 29.
Con IX	" 9	S.L. Malls	"	Oct. 1	6	16	22	16	"	D	Topsoil 2; sand stones 13; red granite 25; black granite 35; red granite 60. Water from 58 to 60.
Con IX	" 10	H. Windover	P.A. McNeely	Oct. 10	6	7½	20	20	"	D	Clay stones 10; limestone 70. Water at 70.
Con XIII	" 2	J. Matthews	"	Mar. 15	6	8	16	16	"	D	Brown clay boulders 40; limestone 55. Water at 53.
Con XIII	" 2	R. Smith	"	May 13	6	3½	12	6	"	P	Dug well 18; clay stones 46; gravel 46. Water at 46.
Con XIII	" 2	L. Mitchell	"	May 19	6	3	14	14	"	D	Clay stones 30; gravel 44. Water at 44.
Con XIV	" 2	R. Maffey	"	Aug. 31	6	7½	10	10	"	D	Clay stones 20; limestone 32. Water at 30.
Con XV	" 14	H.C. Binge	"	June 11	6	8½	18	18	"	D	Clay stones 5; grey limestone 53. Water at 51.
Con XVI	" B	Outboard	W. Sanderson	Dec. 4	10	50	20	19	"	D	Topsoil 2; clay stones 30; limestone 35. Water at 35.
Con XVI	" 17	G. Finney	J.F. Henderson	Sept. 14	6	5	20	9	"	D	Topsoil 2; sand gravel 14; shale 28. Water at 28.
Con XVI	" 17	M. Horsley	G. Hart & Son	Nov. 23	6	5	10	4	"	D	Brown clay 2; stone gravel 10; red shale 16. Water at 14.
Con XVI	" 23	D. Robertson	"	Sept. 8	6	5	7	3	"	D	Brown sandy clay 9; blue granite 26. Water at 26.
Con XVI	" 24	A.M. Taylor	"	Oct. 1	6	4½	27	26	"	D	Grey granite 30. Water at 27.
Con XVII	" 19	K. Reid	J.F. Henderson	Nov. 19	6	5	14	2	"	D	Topsoil 2; sand gravel 7; shale 20. Water from 15 to 20.
Con XVII	" 20	R. McIntosh	C.D. Weaver	Apr. 15	6	5	5	5	"	D	Coarse gravel 40. Water at 40.
Con XVII	" 20	L. Harrison	G. Hart & Son	Nov. 3	6	1	50	32	"	D	Clay 21; grey limestone 50. Water at 50.
Con XIX	" 25	"	"	"	6	1	50	32	"	D	"
Hastings		G. Wellman	Otonabee Water Wells Ltd.	Nov. 2	10	2	30	20	Fresh	D	Sand gravel 7; clay boulders 15; limestone 30. Water at 25.
Lakefield		E. Pearson	P.A. McNeely	May 7	6	10	12	12	Fresh	P	Clay stones 16; limestone 52. Water at 50.
Lakefield		Kingdom Lumber Co.	W. Sanderson	May 21	6	30	25	16	"	D	Topsoil 2; brown clay stones 21; limestone 50. Water at 50.
North Monaghan Twp.	lot 4	M. Cruikshank	Stuart Stockdale Well Drilling Co.	Sept. 11	6	2½	90	24	Fresh	D, S	Topsoil 2; grey clay 18; sand grey clay 48; fine sand 64; grey limestone 99. Water from 64 to 99.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY - cont.										
North Monaghan Twp.										
- cont.										
Con VIII lot 7	Peterborough Airways	N.N. Faulkner	Sept. 4	4	5	52	20	Fresh	D	Topsoil 1: sand 32; sandy clay 45; grey clay gravel 73; gravel 75. Water at 75.
Con IX " 1	W. Killoran	W. Sanderson	Dec. 5	6	20	40	20	"	D	Topsoil 2: clay stones 18; blue clay 57; gravel 60. Water at 60.
Con IX " 3	C. Johnston	Stuart Stockdale Well Drilling Co.	Mar. 5	6	1	58	30	"	D	Topsoil 1: brown clay stones 25; grey clay gravel stones 70; gravel sand 28. Water from 75 to 78.
Con X " 1	Springville United Church	Otonabee Water Wells Ltd.	Sept. 21	6	12	32	24	"	P	Sandy clay boulders 1; sand boulders 46; hardpan 63; grey clay boulders 101. Water at 20, 80 and 94.
Con X " 1	R. Kelk	W. Sanderson	Dec. 11	6	12	110	25	Sulphur	D	Clay boulders 106; limestone 182. Water at 159.
Con X " 3	W. Hagerman	W. Sanderson	Dec. 17	6	20	60	40	Fresh	D	Dug well 64; clay stones 90; gravel 91. Water at 91.
Con X " 5	W. Hagerman	W. Sanderson	Jan. 21	6	6	65	32	"	D	Topsoil 2: brown clay boulders 35; blue clay boulders 74; gravel 76. Water at 76.
Con X " 6	H.W. Young	Otonabee Water Wells Ltd.	Sept. 7	6	12	41	13½	"	S	Sandy clay gravel 19; grey clay 46; boulders 49; grey clay rocks 58; limestone layers clay 95; soft limestone 102. Water at 69 and 99.
Con X " 7	I. Salvadori	W. Sanderson	Sept. 5	6	10	30	Flows	"	D	Topsoil 2: clay stones 35; sandy gravel clay 40; gravel 41. Water at 41.
Con X " 8	A.W. Swift	N.N. Faulkner	Jan. 13	6	9	28	25	"	D	Dug well 44; coarse sand gravel 42. Water at 43.
Con X " 10	C.G. Knott	N.N. Faulkner	Nov. 13	6	2	113	13	"	D	Topsoil 1: clay sand 45; grey clay 55; grey clay sand gravel 103; stone rock 128. Water from 103 to 128.
Con XI " 1	H. Berry	W. Sanderson	June 14	6	8	30	17	"	D	Dug well 20; blue clay stones 43; gravel 45. Water at 45.
Con XI " 1	S. Miller	"	Aug. 4	6	20	76	55	"	D	Topsoil 2: brown clay stones 18; blue clay stones 94; gravel 96. Water at 96.
Con XI " 1	R. Morgan	"	Aug. 4	6	10	50	24	"	D	Topsoil 2: clay stones 40; sandy gravel 50; clay stones 62; sandy gravel 66. Water at 66.
Con XI " 4	G. Pethick	N.N. Faulkner	Sept. 21	6	9	109	80	"	P	Topsoil 1: brown clay stones 10; grey clay gravel stones 75; grey clay sand 120; sand gravel 127½. Water from 120 to 127½.
Con XI " 4	F.M. Rooney	Otonabee Water Wells Ltd.	Nov. 30	6	5	136	126	"	D	Clay boulders 144; gravel 145. Water at 144.
Con XI " 4	R. Forbes	"	Dec. 4	6	7	136	131	"	D	Fill 2; clay boulders 45; boulders 51; clay boulders 147; gravel 155; grey clay 162. Water at 148.
Con XI " 4	Banforth & Kelly Farms	N.N. Faulkner	Dec. 26	6	8	60	20	"	D, S	Topsoil 1: brown clay stones 15; grey clay stones 80; clay gravel 87. Water from 80 to 87.
Con XI " 5	G. Horton	W. Sanderson	Mar. 1	6	8	125	76	"	D	Topsoil 2: brown clay stones 28; blue clay 120; fine sand 140; coarse sand stones 146. Water at 146.
Con XI " 6	S. Dzienkowski	N.N. Faulkner	July 26	10	20	126	123	"	D	Topsoil 1: brown clay stones 5; brown clay sand 8; brown sandy clay 62; grey clay 80; sandy grey clay 110; grey clay pebbles 132; sandy gravel 140; gravel 141. Water from 140 to 141.
Con XI " 7	W. Kuypers	W. Sanderson	Sept. 3	6	20	48	30	"	D	Topsoil 2: clay stones 35; sandy gravel 58. Water at 58.
Con XI " 7	A. Briggs	"	Oct. 19	6	10	50	30	"	D	Topsoil 2: gravel 20; sand 57; gravel 60. Water at 60.
Con XI " 7	Twp. of North Monaghan	N.N. Faulkner	Dec. 11	6	6	115	110	"	P	Topsoil 1: clay brown sand 38; grey clay fine sand gravel 111; sand gravel 125. Water from 111 to 125.
Con XI " 8	Imperial Oil Gas Station	"	Apr. 24	6	12	30	25	"	C	Topsoil 1: brown clay stones 32; brown sandy clay pebbles 54; brown coarse sandy clay pebbles 70; gravel 71. Water from 70 to 71.
Con XI " 8	D.R. Long	W. Sanderson	June 4	6	10	50	20	"	D	Topsoil 2: brown clay stones 18; blue clay 37; sand clay 55; sandy gravel 60. Water at 60.
Con XI " 9	L. Miller	N.N. Faulkner	Feb. 16	6	5	26	8	"	D	Topsoil 2: yellow clay 12; grey clay stones 34; coarse sand gravel 38; Water at 38.
Con XII " 1	D. McCann	W. Sanderson	Aug. 6	6	20	65	50	"	D	Topsoil 2: clay stones 18; blue clay 78; gravel 80. Water at 80.
Con XII " 1	C. Edwards	"	Aug. 28	6	15	64	50	"	D	Dug well 24; clay stones 68; gravel 70. Water at 70.
Con XII " 1	V. Homewood	"	Sept. 15	6	10	50	32	"	D	Dug well 40; clay stones 66; gravel 66. Water at 66.
Con XII " 2	A. Jeffery	N.N. Faulkner	Sept. 19	6	20	50	22	"	D	Dug well 40; clay stones 66; gravel 66. Water at 66.

Con	XII	lot	3	Earl Minor Const.	Stuart Stockdale Well Drilling Co.	Oct. 27	6	12	115	95	Fresh	D	Topsoil 1; brown clay stones 20; grey clay stones 110; fine sand 135. Water from 115 to 135.
Con	XII	"	6	E. Dunford	"	Jan. 27	6	5	164	164	"	D, S	Dug well 49; fine sand 120; grey clay 146; sand gravel 160; sand gravel granite boulder 176. Water from 166 to 176.
Con	XII	"	6	R. Brooks	N.N. Faulkner	July 6	6	5	62	25	"	D	Topsoil 1; sandy gravel clay 22; sand 69; sand gravel 75. Water from 70 to 75.
Con	XII	"	7	Braley's School	"	Feb. 7	6	6	114	114	"	P	Dug well 39; yellow clay sand stones gravel 123. Water from 120 to 123.
Con	XII	"	7	N. Payne	W. Sanderson	Apr. 13	6	10	115	90	"	D	Topsoil 21; clay stones 16; sand 120; sandy gravel 125. Water at 125.
Con	XII	"	7	W. Edgar	N.N. Faulkner	May 11	6	8	144	102	"	D	Dug well 37; brown sandy clay pebbles 52; brown fine sand 79; grey sandy clay 112; grey clay gravel 157; gravel 158. Water from 157 to 158.
Con	XII	"	7	G. Barns	Stuart Stockdale Well Drilling Co.	May 18	6	6½	56	52	"	D	Brilled well 65; fine sand 70. Water from 65 to 70.
Con	XII	"	7	M.T. Kelly	N.N. Faulkner	June 30	6	7½	55	47	"	D, S	Topsoil 2; brown clay gravel 17; sandy fine gravel 66; sand gravel 67. Water at 67.
Con	XII	"	7	W. Sage	Otonabee Water Wells Ltd.	Dec. 16	6	8	99	96	"	D	Clay 10; sand boulders 63; conglomerated gravel 125. Water at 63 and 123.
Con	XII	"	8	Clement's Body Shop	W. Sanderson	Apr. 16	6	20	60	30	"	D	Topsoil 2; brown clay stones 18; blue clay stones 60; sand 71; gravel 73. Water at 73.
Con	XII	"	10	J. Simpson	"	Sept. 14	6	10	30	12	"	D	Dug well 52; grey clay stones 42; gravel 45. Water at 45.
Con	XII	"	3	J.H. Bruce	Stuart Stockdale Well Drilling Co.	Nov. 12	6	17	100	65	"	D, S	Old well 72; grey clay gravel 98; quicksand 158; gravel 161. Water from 158 to 161.
Con	XII	"	5	G. Pynapples	N.N. Faulkner	Nov. 30	6	4	62	54	"	D	Topsoil 1; brown clay sand stones 30; grey clay sand 41; sand 58; clay gravel 68; sand gravel 72. Water from 68 to 72.
Con	XII	"	6	J. Lake	Stuart Stockdale Well Drilling Co.	Dec. 21	6	7	112	108	"	D	Dug well 30; brown clay stones gravel 80; grey clay stones gravel 118; sand gravel 130. Water from 80 to 130.
Con	XII	"	7	L. Dumlín	N.N. Faulkner	Jan. 8	6	6	103	93	"	D	Topsoil 2; yellow clay stones 16; yellow sand clay stones gravel 115. Water from 110 to 115.
Con	XII	"	7	W.E. Bartlett	Stuart Stockdale Well Drilling Co.	Feb. 3	6	5	80	20	"	D, S	Old well 20; gravel stones clay 50; gravel 96. Water from 50 to 96.
Con	XII	"	8	G. Mayer	N.N. Faulkner	June 25	6	5	102	99	"	D	Clay stone fill 2; topsoil 4; brown clay stones gravel 48; sandy gravel stones 72; sandy gravel 110; gravel 111. Water at 111.
Con	XII	"	9	R. Solomon	"	Oct. 12	6	4	34	12	"	D	Topsoil 1; brown clay stones 28; grey clay gravel 43. Water from 35 to 43.
Con	XII	"	10	Joore & Kraetzer Con.	"	Feb. 24	6	6	52	28	"	D	Topsoil 2; yellow clay 14; grey clay stones 59; gravel coarse sand 60. Water from 58 to 60.
Con	XII	"	10	M. Gordon	"	Sept. 11	6	4	103	20	"	D	Topsoil 1; brown clay stones 15; grey clay stones 93; limestone 113. Water from 110 to 113.
Con	XII	"	11	E. Minor Const Ltd.	"	May 12	6	9	33	2	"	D	Topsoil 1; brown clay stones 12; grey clay pebbles 46; gravel 47. Water from 46 to 47.
Con	XII	"	11	"	"	June 26	6	8	35	8	"	D	Brown clay gravel 25; sandy clay gravel 44; gravel 45. Water at 45.
Con	XII	"	11	"	"	Aug. 3	6	4	70	16	"	D	Topsoil 1; brown clay stones 15; grey clay stones 60; grey clay pebbles 72; gravel 77. Water from 72 to 77.
Con	XII	"	11	"	"	Aug. 7	6	5	38	15	"	D	Topsoil 1; brown clay stones 32; grey clay stones pebbles 46; gravel 48. Water from 46 to 48.
Con	XII	"	11	"	"	Aug. 15	6	5	32	8	"	D	Topsoil 1; brown clay stones 15; grey clay stones 35; clay gravel 42. Water from 40 to 42.
Con	XII	"	11	"	"	Sept. 17	6	6	28	10	"	D	Topsoil 1; brown clay stones 18; grey clay stones 30; clay gravel 37. Water from 35 to 37.
Con	XII	"	11	"	"	Sept. 17	6	6	50	10	"	D	Topsoil 1; brown clay stones 18; grey clay stones 64; gravel 66. Water from 64 to 66.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY - cont. North Monaghan Twp. - cont.										
Con XIII lot 11	E. Minor Const. Ltd.	N.N. Faulkner	Sept. 17	6	5	60	15	Fresh	D	Topsoil 1; brown clay stones 20; grey clay stones 75; gravel 77. Water at 77.
Con XIII " 11	"	"	Sept. 17	6	5	80	20	"	D	Topsoil 1; brown clay stone 20; grey clay stones 99; gravel 100. Water at 100.
Con XIII " 11	"	"	Oct. 1	6	4	70	20	"	D	Topsoil 1; brown clay stones 15; grey clay stones 85; gravel 87. Water at 87.
Con XIII " 11	"	"	Nov. 5	6	5	50	16	"	D	Topsoil 1; brown clay stones 10; grey clay stones 60; clay gravel 65. Water from 60 to 65.
Con XIII " 11	"	"	Nov. 5	6	10	50	25	"	D	Topsoil 1; brown clay stones 12; grey clay stones 65; clay gravel 69. Water from 65 to 69.
Con XIII " 11	"	"	Nov. 5	6	2	50	10	"	D	Topsoil 1; brown clay 5; grey clay stones 45; limestone 62. Water from 50 to 62.
Con XIII " 11	"	Stuart Stockdale Well Drilling Co.	Nov. 10	6	3	36	1	"	D	Topsoil 1; brown clay 6; grey clay stones gravel 30; gravel 43. Water from 32 to 43.
Con XIII " 11	"	N.N. Faulkner	Nov. 28	6	5	80	20	"	D	Topsoil 1; brown clay stones 20; grey clay stones 89; gravel 90. Water at 90.
Otonabee Twp.										
Con I lot 25	S. Boswell	B. Sumner & Son	Feb. 6	6	8	176	76	"	D, S	Topsoil 5; blue clay 45; coarse gravel 55; fine sand 81; shale 83; limestone 176. Water at 150.
Con III " 16	C. Irwin	Stuart Stockdale Well Drilling Co.	Jan. 21	6	13	46	21	"	D, S	Clay stones 35; gravel 66. Water from 35 to 66.
Con III " 16	"	"	June 9	6	1 1/2	53	20	"	D	Topsoil 2; brown clay stones 28; gravel 29; sandy clay 32; sandy gravel 34; gravel 63. Water from 34 to 63.
Con III " 18	W.J. Wood	"	Mar. 2	6	16	88	38	"	D, S	Dug well 25; grey clay stone 105; gravel sand 110; grey clay stone 120; gravel sand 128. Water from 120 to 128.
Con III " 21	H. Garnett	"	Mar. 16	6	1	194	50	"	D, S	Dug well 16; gravel 20; grey limestone 195. Water from 60 to 195.
Con III " 27	Indian River School	N.N. Faulkner	Aug. 15	10	3	400	40	"	P	Topsoil 1; brown clay stones 10; grey clay stones 90; limestone 410. Water from 90 to 410.
Con V " 13	S. Nelson	Stuart Stockdale Well Drilling Co.	Jan. 31	6	16	83	34	"	D, S	Dug well 34; gravel boulders 50; brown clay stone 60; sand 100; grey clay stone 120; gravel 134; sand gravel 143. Water from 134 to 143.
Con V " 15	O. McCarthy	"	Jan. 15	6	16	53	50	"	D, S	Dug well 22; grey clay stones 45; gravel 50; stones 55; black mud 65; brown clay stone 73 1/2. Water from 65 to 73 1/2.
Con V " 17	H.R. Reid	C. Griffith	Feb. 14	6	4	13	9	"	S	Dug well 11; gravel sand 31. Water at 15.
Con V " 28	D. Stewart	Otonabee Water Wells Ltd.	Oct. 9	6	1	75	45	"	D, S	Sandy clay 7; grey clay boulders 16; sand 19; grey clay boulders 41; sandy grey clay boulders 47; clay gravel 51; boulders 56; clay 65; cemented gravel clay 71; grey clay boulders 75; cemented gravel 78; limestone 122. Water at 72 and 102.
Con VI " 11	E. Wilson	Stuart Stockdale Well Drilling Co.	Sept. 8	6	2 1/2	55	26	"	D, S	Dug well 29; grey clay gravel 33; grey limestone 62. Water from 45 to 62.
Con VI " 13	J. Cameron	Otonabee Water Wells Ltd.	Aug. 13	6	16	50	33	"	D	Boulders clay 74; limestone 104. Water at 60 and from 100 to 104.
Con VI " 24	A. Davis	N.N. Faulkner	Dec. 11	6	10	60	20	"	D, S	Topsoil 1; brown clay stones 15; grey clay stones 78; limestone 86. Water from 78 to 86.
Con VII " 8	C. Aurandt	Stuart Stockdale Well Drilling Co.	Sept. 12	6	2	72	20	"	D	Topsoil 2; brown clay stones 15; grey clay gravel 22; grey limestone 77. Water from 65 to 77.
Con VII " 25	G. Stockdale	"	May 29	6	4	140	75	"	D, S	Topsoil 2; clay gravel 20; grey clay 32; grey clay gravel 40; grey clay 77; sand 78; grey clay gravel 96; gravel sand 98; grey limestone 200. Water from 97 to 100.

PETERBOROUGH COUNTY - cont.

Otonabee Twp. - cont.

Con VIII	lot 9	R. Stewart	N.N. Faulkner	Jan. 24	6	8	30	20	Fresh	D,S	
Con VIII	" 15	C. Glenn	"	Jan. 21	6	6	50	20	"	D,S	Topsoil 1; brown clay stones 15; grey clay stones 50; gravel 53. Water from 50 to 53.
Con VIII	" 31	D. Lavoie	Stuart Stockdale Well Drilling Co.	July 27	6	5	110	15	Salty	D,S	Dug well 27; grey clay stones 70; gravel 72. Water at 72.
Con VIII	" 31	"	"	Aug. 5	6	3	86	50	"	N	Topsoil 1; brown clay stones 6; grey clay stones 14; grey limestone 129. Water from 120 to 129.
Con VIII	" 32	W. Hartwick	B. Summers & Son	Sept. 2	6	2	48	40	Fresh	D	Topsoil 1; brown clay stones 6; grey clay stones 14; grey limestone 188. Water at 88.
Con IX	" 25	D. Girard	Stuart Stockdale Well Drilling Co.	Aug. 10	6	3	34	20	"	D	Topsoil 3; fine sand gravel 50. Water at 50.
Con IX	" 26	K.B. Mawers	N.N. Faulkner	Aug. 26	6	2½	33	13	"	D	Topsoil 1; brown clay stones 20; stones gravel grey clay 38; gravel 41. Water from 38 to 41.
Con IX	" 30	H. Jendral	Stuart Stockdale Well Drilling Co.	June 24	6	6	46	20	"	D	Topsoil 1; clay stones gravel 15; clay gravel 20; grey limestone 36. Water at 27.
Con X	" 12	E. Doris	N.N. Faulkner	Mar. 4	6	5	100	30	"	D,S	Topsoil 1; brown clay stones 10; grey clay stones 24; grey clay 50; gravel 59. Water from 55 to 59.
Con X	" 24	D.H. Lewis	W. Sanderson	Oct. 20	6	10	110	70	"	D	Topsoil 1; brown clay stones 18; grey clay stones 56; limestone 127. Water from 100 to 127.
Con X	" 27	D. Lancaster	Stuart Stockdale Well Drilling Co.	Oct. 14	6	10	40	7	"	D	Dug well 30; clay stones 122; limestone 128. Water at 128.
Con X	" 27	L. Hemery	W. Sanderson	Oct. 23	6	40	18	6	"	D	Topsoil 1; brown sandy clay 10; grey clay stones 28; stones gravel 42; grey limestone 54. Water from 52 to 54.
Con X	" 27	G. McCall	"	Oct. 26	6	10	52	12	Sulphur	D	Dug well 12; clay 3; gravel 32. Water at 32.
Con X	" 27	W. Edwards	Stuart Stockdale Well Drilling Co.	Nov. 7	6	10	52	15	Fresh	D	Topsoil 2; clay stones 20; blue clay 42; limestone 62. Water at 62.
Con X	" 31	L. Little	"	Feb. 4	5	15	100	70	Salty	D,S	Dug well 23; grey clay stones 33; grey clay 58; grey limestone 70. Water at 70.
Con X	" 31	"	N.N. Faulkner	Feb. 12	6	6	45	20	Fresh	D,S	Old well drilled dug 17; limestone 297. Water at 297.
Con XI	" 8	T. Lowe	Stuart Stockdale Well Drilling Co.	Jan. 13	6	6	37	9	"	D	Topsoil 1; brown clay stones 15; grey clay stones 64; gravel 66. Water from 64 to 66.
Con XI	" 16	Beaver Meadow Golf Course	Otonabee Water Wells Ltd.	Sept. 14	6	12	58	31	"	P	Topsoil 2; grey clay stones 30; gravel 42; grey limestone 45. Water from 30 to 45.
Con XI	" 22	G. Jones	W. Sanderson	Sept. 17	6	1	87	15	"	D	Brown sandy clay 7; grey clay rock 68; limestone 102. Water at 66, 75 and 93.
Con XI	" 22	W. Weirmeir	Otonabee Water Wells Ltd.	Oct. 7	6	6			"	D	Dug well 20; clay stones 31; limestone 90. Water at 90.
Con XI	" 25	C.J. McInroy	Stuart Stockdale Well Drilling Co.	Sept. 21	6	2½	65	14	"	P	Clay 26; limestone 202. Dry hole.
Con XI	" 27	M. Simons	W. Sanderson	Dec. 16	6	10	15	6	"	D	Topsoil 1; grey clay stones 44; sand gravel 49; grey limestone 70. Water from 45 to 70.
Con XII	" 31	D. Lewis	"	Mar. 4	6	2	75	Flows	"	J	Topsoil 2; clay stones 12; gravel 21; limestone 23. Water at 23.
Con XII	" 13	R. McCarroll	"	Dec. 14	6	10	65	21	"	D,S	Topsoil 2; brown clay stones 18; blue clay stones 38; dark limestone 80. Water at 80.
Con XII	" 17	R. Jackson	N.N. Faulkner	Feb. 2	6	5	85	25	"	D,S	Topsoil 2; clay boulders 70; gravel 72. Water at 72.
Con XII	" 18	C. Crowley	Otonabee Water Wells Ltd.	Sept. 18	6	1	130	31	"	D,S	Topsoil 1; brown clay stones 20; grey clay stones 93; limestone 57. Water from 95 to 97.
Con XII	" 25	J. Brown	Stuart Stockdale Well Drilling Co.	Aug. 13	6	6½	55	50	"	D	Sandy brown clay boulders 16; grey clay boulders 62; limestone 150. Water at 50 and 138.
Con XII	" 26	W. Mathews	W. Sanderson	Jan. 30	6	3	70	20	"	D	Topsoil 1; brown clay stones 14; sand 60; grey gravel 78; gravel 86. Water from 78 to 86.
Con XII	" 26	J.J. Flagler	"	May 25	6	10	30	14	"	D	Dug well 20; blue clay 49; grey limestone 78. Water at 78.
Con XII	" 26	F. Edwards	"	June 8	6	40	25	15	"	D	Sand 25; coarse sand pebbles 28; blue clay 54; limestone 65. Water at 28.
Con XII	" 26	G. Oliff	N.N. Faulkner	Sept. 16	6	6	23	12	"	D	Topsoil 2; brown clay 18; blue clay 45; sand 58; gravel 60. Water at 60.
Con XII	" 26	C. Mainland	W. Sanderson	Dec. 3	6	5	20	6	"	D	Topsoil 1; brown clay gravel 8; sand 15; grey clay gravel 31; gravel 92. Water at 32.
Con XIV	" 23	R. Hamlen	Otonabee Water Well	Dec. 12	6	12	65	20	"	D	Topsoil 2; clay stones 22; gravel 25. Water at 25. Clay pebbles 62; gravel 70. Water at 67.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY - Otonabee Twp. - cont.										
Con XIV lot 24	H. Wilson	W. Sanderson	July 6	6	3	65	35	Fresh	D	Sandy hardpan 35; clay 67; sandy gravel rock 72. Water at 72.
Con XIV "	P. Russell	N.N. Faulkner	July 18	6	8	60	15	"	D	Topsoil 1; brown clay 20; sand 40; grey clay 70; sand 85; gravel 90. Water from 95 to 90.
Con XIV "	G.H. Clark	W. Sanderson	Sept. 24	6	10	24	22	"	D	Topsoil 2; clay stones 30; sand 35; sandy gravel 42. Water at 42.
Con XIV "	"	"	Sept. 26	6	10	26	24	"	D	Topsoil 2; clay stones 15; sand 33; sandy gravel 43. Water at 43.
Con XIV "	"	"	Oct. 6	6	2	34	17	"	D	Topsoil 2; clay stones 15; sand 33; sandy gravel 43. Water at 43.
Con XIV "	"	"	Oct. 8	6	4	45	12	Sulphur	D	Topsoil 2; clay stones 45; limestone 52. Water at 52.
Con XIV "	"	"	Oct. 10	6	3	52	12	"	D	Topsoil 2; clay stones 45; limestone 52. Water at 52.
Con XIV "	M. Storey	N.N. Faulkner	Oct. 15	6	7	82	40	Fresh	D	Topsoil 2; clay stones 45; limestone 52. Water at 52.
Con XIV "	G.H. Clark	W. Sanderson	Oct. 18	6	3	70	15	"	D	Topsoil 2; clay stones 27; sand 35; clay 62; limestone 75. Water at 75.
Con XIV "	"	"	Oct. 23	6	5	70	20	"	D	Topsoil 2; clay stones 20; sand 45; clay 74; limestone 83. Water at 83.
Con XIV "	"	"	Oct. 23	6	4	70	12	"	D	Topsoil 2; clay stones 65; limestone 77. Water at 77.
Con XIV "	"	"	Oct. 23	6	10	25	22	"	D	Sand 40; sandy gravel 46. Water at 46.
Con XIV "	K. Taras Const. Co. Ltd.	N.N. Faulkner	Oct. 23	6	5	70	30	"	D	Topsoil 1; brown clay stones 10; grey clay 30; sand 42; grey clay 70; limestone 81. Water from 70 to 81.
Con XIV "	"	"	Oct. 24	6	5	35	30	"	D	Topsoil 1; brown clay stones 16; grey clay 30; sand 40; gravel 45. Water from 40 to 45.
Con XIV "	"	"	Oct. 25	6	10	30	25	"	D	Topsoil 2; clay stones 18; sand 40; sandy gravel 45. Water at 45.
Con XIV "	G.H. Clark	W. Sanderson	Oct. 25	6	8	26	20	"	D	Topsoil 1; brown clay stones 10; clay sand 35; sand gravel 43. Water from 35 to 43.
Con XIV "	K. Taras Const. Co. Ltd.	N.N. Faulkner	Oct. 25	6	4	35	25	"	D	Topsoil 1; brown clay 20; sand 40; gravel 43. Water from 40 to 43.
Con XIV "	"	"	Oct. 26	6	4	35	25	"	D	Topsoil 1; brown clay 8; grey clay 25; sand 35; sand clay 42. Water from 35 to 42.
Con XIV "	"	"	Oct. 27	6	4	35	25	"	D	Topsoil 1; brown clay 8; grey clay 25; sand 35; sand gravel 40. Water from 35 to 40.
Con XIV "	"	"	Oct. 28	6	5	30	25	"	D	Topsoil 1; brown clay 15; grey clay 25; sand 35; sand gravel 40. Water from 35 to 40.
Con XIV "	"	"	Oct. 29	6	4	35	25	"	D	Topsoil 1; brown clay 5; grey clay 30; sand gravel 42. Water from 37 to 42.
Con XIV "	"	"	Oct. 29	6	4	35	25	"	D	Topsoil 2; clay stones 48; limestone 80. Water from 48 to 80.
Con XIV "	G.H. Clark	W. Sanderson	Nov. 3	6	2	75	12	Sulphur	D	Topsoil 2; clay stones 18; fine sand 30; blue clay 77; limestone 85. Water from 77 to 85.
Con XIV "	"	"	Nov. 6	6	3	77	22	Fresh	D	Topsoil 2; clay stones 12; sand 28; sandy gravel 33. Water at 33.
Con XIV "	"	"	Nov. 11	6	10	15	15	"	D	Topsoil 2; clay stones 12; sand 28; sandy gravel 46. Water at 46.
Con XIV "	"	"	Nov. 12	6	20	30	22	"	D	Topsoil 2; clay stones 12; sand 28; sandy gravel 46. Water at 46.
Con XIV "	"	"	Nov. 12	6	3	55	15	"	D	Topsoil 2; clay stones 18; blue clay 46; limestone 61. Water at 46 and 61.
Con XIV "	"	"	Nov. 15	6	20	65	30	"	D	Topsoil 2; clay stones 18; blue clay 82; limestone gravel 84. Water at 84.
Con XIV "	A. Collison	"	Nov. 15	6	20	65	30	"	D	Topsoil 2; clay stones 18; blue clay 82; limestone gravel 84. Water at 84.
Con XIV "	"	"	Nov. 18	6	5	7	Flows	"	D	Topsoil 1; brown clay 8; sand gravel 17; Water from 10 to 17.
Con XIV "	K. Taras Const. Co. Ltd.	N.N. Faulkner	Nov. 18	6	10	65	30	"	D	Topsoil 2; clay stones 30; sand 79; gravel 81; limestone. Water at 81.
Con XIV "	J. Collison	W. Sanderson	Nov. 18	6	4	18	14	"	D	Topsoil 1; brown clay 10; sand 20; sand gravel 27. Water from 20 to 27.
Con XIV "	"	"	Nov. 19	6	4	14	10	"	D	Topsoil 8; sand 17; sand gravel 22; Water from 17 to 22.
Con XIV "	"	"	Nov. 20	6	5	14	7	"	D	Topsoil 1; brown clay stones 10; grey clay stones 36; limestone 40. Water from 37 to 40.
Con XIV "	"	"	Nov. 21	6	5	28	5	"	D	Topsoil 1; brown clay stones 10; grey clay stones 36; limestone 38. Water at 38.
Con XIV "	"	"	Nov. 22	6	5	28	5	"	D	Topsoil 1; brown clay stones 10; grey clay stones 36; limestone 38. Water at 38.
Con XIV "	"	"	Nov. 23	6	5	26	5	"	D	Topsoil 1; brown clay stones 30; limestone 36. Water from 32 to 36.



PETERBOROUGH COUNTY

- cont.													
Con	Otonabee Twp. - cont.												
Con XIV	lot 25	K. Taras Const. Co. Ltd.	Nov. 24	6	5	10	6	fresh	D	Topsoil 1; brown clay 8; sand gravel 18. Water from 14 to 18. Water at 95.			
Con XIV	" 26	P. Hefferman	Mar. 23	6	30	40	Flows	"	D	Topsoil 2; brown clay 26; blue clay 90; fine sand gravel 95. Water at 95.			
Con XV	" 15	C. Dristoll	Nov. 24	6	3	100	40	"	D	Dug well 22; clay 92; limestone 109. Water at 109.			
Con XV	" 21	S. Hutchinson	Feb. 20	6	20	50	15	"	D, S	Topsoil 2; brown clay stones 18; blue clay 64; gravel 68. Water at 68.			
Con XV	" 22	E. W. Barker	Feb. 26	6	10	36	8	"	D	Topsoil 2; brown clay stones 18; blue clay 36; grey limestone 52. Water at 52.			
Con XVI	" 16	K. Savigny	Aug. 19	6	2	82	37	"	S	Boulders dirt fill 7; sand 26; sandy gravel 29; boulders coarse gravel 42; sand 51; hardpan 60; clay boulders 70; hardpan 98. Water at 56, 71 and 77.			
Con XVI	" 22	R. Ephgrave	Dec. 26	6	4	50	10	"	D	Topsoil 1; brown clay stones 15; grey clay stones 50; limestone 60. Water at 60.			
Smith Twp.													
CRE	lot 4	J. Stewart	Jan. 28	6	30	50	18	Fresh	D, S	Topsoil 2; brown clay 30; blue clay 87; sand 89; gravel 91. Water at 91.			
CRE	" 7	H. Blewett	Dec. 24	6	8	121	31	"	D	Sandy clay 6; clay boulders 64; grey clay 130; gravel 132; limestone 135. Water at 132.			
CRE	" 12	J. Franks	June 27	6	40	20	4	"	D	Topsoil 2; clay stones 32; gravel 34. Water at 34.			
CRE	" 12	C. Joling	July 23	6	20	30	12	"	D	Dug well 15; blue clay 40; gravel 42. Water at 42.			
CRE	" 12	S. Irwin	Aug. 20	6	30	15	6	"	D	Dug well 17; clay stones 32; gravel 33. Water at 33.			
CRE	" 12	S. Bell	Sept. 3	6	30	22	6	"	D	Topsoil 2; clay stones 30; gravel 32. Water at 32.			
CRE	" 12	C. White	Oct. 3	6	20	30	18	"	D	Topsoil 2; clay stones 43; sandy gravel 45. Water at 45.			
CRE	" 12	J. White	Oct. 7	6	10	70	30	"	D	Topsoil 2; clay stones 45; sand 55; clay 82; limestone 90. Water at 90.			
CRE	" 3	H. L. Ferguson	Jan. 6	6	8	105	75	"	D	Dug well 21 1/2; grey clay stone 100; gravel 115; gravel sand 118. Water at 100 and 118.			
CRE	" 3	R. Milburn	Sept. 26	6	8	75	55	"	D	Topsoil 2; clay stones 81; gravel 83. Water at 83.			
CRE	" 3	F. H. Wilburn	Oct. 23	6	10	60	25	"	D	Topsoil 2; clay stones 35; blue clay stones 68; sandy gravel 71. Water at 71.			
CRE	" 4	J. Stewart	Feb. 10	6	10	30	10	"	D	Dug well 18; clay pebbles 43; gravel 46. Water at 43.			
CRE	" 5	C. Dougherty	Mar. 17	6	20	70	16	"	In	Clay pebbles 80; gravel sand 82. Water at 81.			
CRE	" 5	Simpr Building Products	Nov. 2	8	20	49	12	"	In	Topsoil 1; brown clay 19; grey clay sand 63; gravel 64. Water from 63 to 64.			
CRE	" 7	P. Ammann	June 13	6	6 1/2	90	70	"	D	Topsoil 1; brown clay stones 25; grey clay stones 55; grey clay gravel 80; grey clay 95; fine sand 120; sand gravel 129. Water from 120 to 129.			
CRE	" 12	J. Parsons	Feb. 7	6	4	75	70	"	D	Topsoil 2; sand 50; sand clay 75; grey limestone 86. Water at 86.			
CRE	" 12	W. S. Parkinson	Apr. 7	6	8	18	6	"	D	Topsoil 2; clay sand mixed 20; limestone 26. Water at 26.			
CRE	" 12	H. W. Andrews	Nov. 12	6	5	77	66	"	D	Sand gravel 56; clay hardpan 65; limestone 87 1/2. Water at 67.			
Con I	" 11	D. Lewis	Mar. 31	6	5	55	30	"	D	Topsoil 2; brown clay stones 28; blue clay stones 43; dark shale 65. Water at 65.			
Con I	" 11	Superstest Petroleum Corporation, Limited	May 15	6	3	115	24	"	C	Fill 4; brown clay stones 18; sand 30; blue clay 70; fine sand 85; limestone 120. Water at 120.			
Con I	" 11	S. S. # 15	May 20	8	15	40	18	"	P	Topsoil 2; brown clay stones 18; blue clay stones 55; gravel 57. Water at 57.			
Con I	" 11	Church of Nazareth	Nov. 2	6	3	52	32	"	P	Topsoil 1; brown clay stones 15; grey clay stones 50; gravel 64; Water from 50 to 64.			
Con I	" 11	J. O. Erien	Dec. 14	6	8	55	52	"	D	Topsoil 2; clay stones 18; blue clay 24; sand 40; blue clay stones 63; gravel 64. Water at 64.			

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA. INCH METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY - cont.										
Smith Twp. - cont.										
Con II lot 1	J. Johnson	N.N. Faulkner	Oct. 20	6	2	35	16	Fresh	D	Dug well 16; brown clay stones 30; grey clay gravel 54. Water from 52 to 54.
Con II "	F. Steinkrauss	Stuart Stockdale Well Drilling Co.	Mar. 25	6	8	100	70	"	D, S	Topsoil 1; brown clay 30; grey clay gravel stones 65; fine sand 68; grey clay 112; grey clay gravel 145; grey limestone 149. Water from 144 to 149.
Con II "	J. Bardeau	N.N. Faulkner	Jan. 12	6	123	70	57	"	D	Topsoil 1; brown clay stones 20; grey clay stones 60; grey sandy clay 77; grey clay pebbles 96; gravel 97. Water from 96 to 97.
Con II "	J. Williams	W. Sanderson	July 28	6	20	20	3	"	D	Topsoil 2; clay stones 34; sandy gravel 38. Water at 38.
Con II "	W.H. Masters	N.N. Faulkner	Dec. 17	6	8	80	20	"	D	Topsoil 1; brown clay stones 20; grey clay stones 80; grey clay 120; gravel 121. Water at 121.
Con II "	A. Tingley	"	Jan. 16	6	5	80	40	"	D	Topsoil 1; brown clay stones 18; grey clay stones 85; gravel 87. Water from 85 to 87.
Con II "	C. Morduff	W. Sanderson	Apr. 20	6	7	55	20	"	D	Topsoil 2; brown clay stones 20; blue clay stones 62; gravel 65. Water at 65.
Con II "	M.E. Hynes	Stuart Stockdale Well Drilling Co.	Sept. 29	6	7	20	6	"	D	Topsoil 1; grey clay stones 20; grey clay gravel 30; gravel 43. Water at 43.
Con II "	T. Davis	W. Sanderson	Dec. 2	6	10	80	30	"	D	Topsoil 2; clay stones 90; gravel 92. Water at 92.
Con II "	V. Harrison	Stuart Stockdale Well Drilling Co.	Apr. 21	6	7	60	48	"	D	Topsoil 2; brown clay stones gravel 40; brown clay brown sand 60; grey clay gravel 70; stone gravel 73. Water from 60 to 73.
Con III "	W. Mann	W. Sanderson	Aug. 8	6	20	165	128	"	D	Topsoil 2; clay boulders 55; blue clay 90; sand 120; clay 170; sandy gravel 194. Water at 194.
Con III "	C.B. Neal	"	Feb. 6	8	15	76	18	"	D, S	Topsoil 2; brown clay stones 28; blue clay stones 92; grey limestone 96. Water at 96.
Con III "	"	"	June 4	8	20	70	18	"	D, S	Topsoil 2; boulders clay 55; blue clay 94; gravel 96. Water at 96.
Con III "	J. Edmison	Stuart Stockdale Well Drilling Co.	Nov. 27	6	7	24	11	"	D, S	Dug well 33; sand gravel 38. Water from 33 to 38.
Con III "	J. Dewath	N.N. Faulkner	May 27	6	5	24	16	"	D	Topsoil 1; brown clay stones 27; brown clay gravel 33; gravel 37. Water from 33 to 37.
Con III "	K. Goodfellow	W. Sanderson	Sept. 26	6	10	37	5	"	D	Topsoil 2; clay stones 53; sandy gravel clay streaks 45; gravel 47. Water at 47.
Con IV "	D. Hatton	"	Aug. 13	6	40	19	15	"	D	Topsoil 2; sand 26; gravel 29. Water at 29.
Con IV "	Dr. G. A. Lewis	"	June 5	6	7	40	8	"	D	Topsoil 2; sand 48; gravel 50. Water at 50.
Con IV "	E.G. Jeffery	Stuart Stockdale Well Drilling Co.	Sept. 26	6	10	60	22	"	D	Dug well 20; grey clay stones gravel 50; fine sand 70; coarse sand 87. Water from 70 to 87.
Con IV "	E. Minor	"	Aug. 20	6	5	38	5	"	D	Topsoil 1; brown clay stones 6; grey clay stones 28; grey clay gravel 44; gravel 48. Water from 46 to 48.
Con IV "	"	"	Oct. 9	6	10	28	20	"	D	Topsoil 1; grey clay stones 25; grey clay gravel 40; gravel sand 48. Water from 40 to 48.
Con IV "	"	"	Oct. 16	6	2	50	15	"	D	Topsoil 1; grey clay stones 25; grey clay gravel 49; sand gravel 59. Water from 45 to 59.
Con IV "	Woodland Acres Public School	W. Sanderson	May 3	8	15	80	25	"	P	Topsoil 2; brown clay stones 28; blue clay stones 95; gravel 99; limestone. Water at 99.
Con V "	L. Groombridge	"	Aug. 12	6	5	50	8	"	D	Topsoil 2; brown clay stones 20; blue clay 58; limestone 61. Water at 61.
Con V "	"	"	Feb. 17	6	10	23	20	"	D, S	Dug well 20; blue clay 40; sand 45; blue clay 50; sandy gravel 54. Water at 54.
Con V "	T. Gull	P.A. McNeely	Aug. 11	6	8 1/2	20	20	"	D, S	Hardpan 60; grey limestone 85. Water at 85.
Con V "	R. Coburn	N.N. Faulkner	Feb. 18	6	10	60	20	"	D, S	Topsoil 1; brown clay stones 50; sand 90; sand gravel 100. Water from 95 to 100.
Con V "	C. Bell	W. Sanderson	Jan. 21	6	20	12	5	"	D, S	Topsoil 1; brown clay stones 12; blue clay 26; gravel 28.

Con V	lot 24	Superior Pro-pane Co.	Stuart Stockdale	Apr. 3	6	1	88	12	Fresh	P	
Con VI	" 19	D.H. Lewis	W. Sanderson	Oct. 1	6	20	20	12	"	D	Topsoil 1; grey clay stones 34; shale 36; grey limestone 90. Water from 38 to 90.
Con VI	" 25	R. Miles	L.B. Macdonald	Sept. 3	6	1	75	20	"	D	Topsoil 2; clay stones 18; gravel 39; shale 40. Water at 40.
Con VI	" 25	W. Alloran	W. Sanderson	Oct. 7	6	4	45	12	"	D	Dug well 20; clay hardpan 36; limestone 75. Water at 50.
Con VII	" 12	Joore & Kraetzer	"	May. 5	6	4	50	12	"	D	Topsoil 2; clay stones 24; limestone 52. Water at 52.
Con VII	" 12	"	"	May 5	6	10	40	20	"	D	Topsoil 2; brown clay stones 18; blue clay stones 56; gravel 57. Water at 57.
Con VII	" 12	"	"	May 5	6	12	53	20	"	D	Topsoil 2; brown clay stones 18; blue clay 30; boulders gravel 52. Water at 52.
Con VII	" 12	"	"	May 5	6	8	58	30	"	D	Topsoil 2; brown clay boulders 18; blue clay boulders 50; sandy gravel 57; gravel 59. Water at 59.
Con VII	" 12	"	"	May 6	6	10	40	20	"	D	Topsoil 2; brown clay stones 19; blue clay stones 63; gravel 65. Water at 65.
Con VII	" 12	"	"	May 7	6	8	55	20	"	D	Topsoil 2; brown clay stones 19; blue clay stones 40; sandy gravel 48; gravel 50. Water at 50.
Con VII	" 12	"	"	June 15	6	8	55	20	"	D	Topsoil 2; brown clay stones 18; blue clay stones 59; sandy gravel 61. Water at 61.
Con VII	" 12	"	"	June 15	6	10	50	20	"	D	Topsoil 2; brown clay stones 18; blue clay stones 58; gravel 60. Water at 60.
Con VII	" 12	"	"	June 22	6	8	60	12	"	D	Topsoil 2; brown clay boulders 18; blue clay boulders 65; sandy gravel 67. Water at 67.
Con VII	" 12	"	"	June 23	6	8	65	12	"	D	Topsoil 2; clay boulders 70; sandy gravel 73. Water at 73.
Con VII	" 12	"	"	July 7	6	8	42	14	"	D	Topsoil 2; brown clay stones 18; blue clay boulders 45; sandy gravel 50. Water at 50.
Con VII	" 12	"	"	July 7	6	8	70	12	"	D	Topsoil 2; brown clay boulders 20; blue clay boulders 60; clay sand mixed 80; gravel 81. Water at 81.
Con VII	" 12	"	"	July 7	6	8	65	36	"	D	Topsoil 2; brown clay stones 20; blue clay boulders 72; gravel 74. Water at 74.
Con VII	" 12	"	"	July 9	6	8	67	20	"	D	Topsoil 2; brown clay stones 18; blue clay stones 75; gravel 77. Water at 77.
Con VII	" 12	"	"	July 14	6	8	40	24	"	D	Topsoil 2; clay stones 45; sandy gravel 50. Water at 50.
Con VII	" 12	"	"	July 15	6	8	45	25	"	D	Topsoil 2; clay stones 50; sandy gravel 54. Water at 54.
Con VII	" 12	"	"	July 16	6	8	40	20	"	D	Topsoil 2; clay stones 45; gravel 47. Water at 47.
Con VII	" 12	"	"	July 17	6	8	58	24	"	D	Topsoil 2; clay boulders 50; sandy gravel 66. Water at 66.
Con VII	" 12	J. Coats	"	July 20	6	20	50	10	"	D	Topsoil 2; clay stones 66; gravel 68. Water at 68.
Con VII	" 12	Joore & Kraetzer	"	July 28	6	20	45	25	"	D	Topsoil 2; clay stones 45; sandy gravel 60. Water at 60.
Con VII	" 12	"	"	Aug. 14	6	8	41	14	"	D	Topsoil 2; clay stones 20; blue clay stones 45; sandy gravel 51. Water at 51.
Con VII	" 12	"	"	Aug. 14	6	8	52	24	"	D	Topsoil 2; clay stones 58; sandy gravel 62. Water at 62.
Con VII	" 12	"	"	Aug. 15	6	8	52	22	"	D	Topsoil 2; brown clay stones 18; blue clay stones 60; gravel 62. Water at 62.
Con VII	" 12	"	"	Aug. 26	6	4	60	15	"	D	Topsoil 2; clay stones 18; boulders clay 65; sandy gravel 68. Water at 68.
Con VII	" 12	G. Ray	"	Sept. 14	6	10	40	12	"	D	Topsoil 2; clay stone 49; gravel 51. Water at 51.
Con VII	" 12	Joore & Kraetzer	"	Sept. 15	6	5	75	35	"	D	Topsoil 2; clay stones 85; sandy gravel 87. Water at 87.
Con VII	" 12	"	"	Sept. 18	6	5	58	15	"	D	Topsoil 2; clay stones 65; sandy gravel 68. Water at 68.
Con VII	" 12	B.V. Russell	"	Sept. 19	6	10	45	20	"	D	Topsoil 2; clay stones 57; limestone 59. Water at 58.
Con VII	" 12	A. Crow	"	Dec. 10	6	10	15	10	"	D	Topsoil 2; clay stones 21; gravel 23. Water at 23.
Con VII	" 13	A. Murray	Otonabee Water Wells Ltd.	Sept. 29	6	12	31	12	"	D	Sandy grey clay boulders 6; sticky clay boulders 3; grey clay 58; gravel boulders 62. Water at 58.
Con VII	" 13	I. O'Leary	W. Sanderson	Oct. 27	6	20	40	12	"	D	Topsoil 2; clay boulders 50; sand clay 62; gravel 64. Water at 64.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>PETERSBOROUGH COUNTY</b>										
Smith Twp. - cont.										
Con VII lot 15	N. Brown	W. Sanderson	Feb. 10	6	10	25	15	Fresh	D,S	Topsoil 2; blue clay stones 34; grey limestone 40. Water at 40.
Con VII lot 16	Q.W.C. Barreth	L.B. McDonald	Apr. 17	6	< 1	120	49	"	D,S	Topsoil 1; clay hardpan 62; limestone 120. Water at 90.
Con VII lot 24	L.W. Oliver	"	Nov. 19	6	1	88	15	"	D	Dug well 15; clay hardpan 25; limestone 88. Water at 40.
Con VII lot 25	P. Seaman	P.A. McNeely	May 11	6	10	18	18	"	D	Previously drilled 54; limestone 76. Water at 74.
Con VII lot 26	E. Dyer	Otonabee Water Wells Ltd.	Sept. 26	6	1	34	5	"	D	Brown sandy clay 8; grey clay pebbles 17; limestone 40. Water at 29.
Con VII lot 25	T. Atkinson	L.B. McDonald	Sept. 7	6	4	30	12	"	D	Clay hardpan 35; grey gravel 40. Water at 40.
Con VII lot 13	M. Clark	Stuart Stockdale Well Drilling Co.	Oct. 7	6	1	20	7	"	D	Topsoil 1; brown clay stones 10; sandy clay gravel 20; gravel 23. Water from 21 to 23.
Con XI lot 20	H. Dionne	W. Sanderson	July 6	6	3	28	8	"	D	Topsoil 2; clay stones 20; limestone 34. Water at 34.
Con XI lot 20	H. Hubley	"	July 9	6	1	39	6	"	D	Topsoil 2; clay stones 19; limestone 40. Water at 40.
Con XI lot 36	P. Coones	P.A. McNeely	Oct. 31	6	7 1/2	55	32	"	D	Clay stones 20; gravel 22; limestone 50. Water at 20.
Con XII lot 21	D.W. Grackino	M.N. Faulkner	Aug. 1	6	5	20	6	"	D	Topsoil 1; brown clay stone 20; grey clay gravel 30. Water at 30.
Con XII lot 21	J. Dauncey	"	Nov. 9	6	3	18	8	"	D	Topsoil 1; brown clay 10; limestone 24. Water from 20 to 24.
Con XIII lot 38	D. Miller	Stuart Stockdale Well Drilling Co.	Oct. 3	6	2	96	46	"	D	Topsoil 1; brown clay gravel 10; grey clay gravel 24; grey limestone 104. Water from 95 to 104.
Con XIV lot 26	I. Northey	P.A. McNeely	June 2	6	8	20	20	"	D	Clay boulders 10; grey limestone 65. Water at 65.
Con XIV lot 26	R. Oanner	"	June 20	6	8	18	18	"	D	Clay stones 20; grey limestone 55. Water at 53.
Con XIV lot 26	P. Welsh	L.B. McDonald	Aug. 1	6	3	16	12	"	D	Clay hardpan 43; gravel 46. Water at 43.
Con XIV lot 44	M.E. Greene	Stuart Stockdale Well Drilling Co.	July 28	6	5	24 1/2	14	"	D	Topsoil 1; brown clay stones 5; red clay stones 17; grey granite 33 1/2, Water from 32 to 33 1/2.
Con XIV lot 48	S.J.J. Sloane	"	Oct. 3	6	16	18	16	"	D	Topsoil 1; brown clay stones 6; grey limestone 22; red grey granite 32. Water from 28 to 32.
Con XV lot 28	K. Ireland	P.A. McNeely	Apr. 20	6	8	6	6	"	D	Clay stones 9; limestone 86. Water at 84.
Con XV lot 40	R. Bullock	L.B. McDonald	Oct. 21	6	1	92	50	"	D	Clay 2; limestone 92. Water at 75.
Con XV lot 45	P. Mace	P.A. McNeely	Sept. 11	6	7 1/2	10	20	"	D	Clay stones 8; limestone 81. Water at 89.
Con XVII lot 28	K. Northey	"	Apr. 15	6	8	12	12	"	D	Clay stones 8; limestone 84. Water at 82.
Con XVII lot 25	J.A. Bradshaw	Stuart Stockdale Well Drilling Co.	May 4	6	17	20	9	"	D	Topsoil 1; brown clay stones 15; shale limestone 17; grey lime- stone 23; red granite 40. Water at 23 and 40.
<b>PRESBURY COUNTY</b>										
Alfred Twp.										
Con VI lot 5	D. Cardin	B.W. Campbell	Sept. 25	5	5	60	45 1/2	Fresh	C	Quicksand 185; gravel 188; limestone 204 1/2. Water at 190.
Galedonia Twp.										
Con V lot 1	G. Ravary	Trudeau & Fil- lee	Aug. 27	6	2	90	8	Fresh	D	Grey clay 14; grey boulders 19; grey gravel 52; grey broken rock 33; grey shale 144. Water at 36.
Con V lot 1	"	"	Sept. 19	6	4 1/2	70	12	"	D	Red earth 10; grey gravel 28; grey broken rock 30; grey shale 70. Water at 61.
Con X lot 23	S.S.# 6	A. Bourdon	Apr. 1	5	4	45	20	Sulphur	P	Red clay 26; dark grey limestone 60. Water at 50.
Con XI lot 22	B. Basner	"	July 28	5	5	20	20	Fresh	S	Red clay 22; grey rock 48. Water at 40.
East Hawkesbury Twp.										
Con I lot 31	Capillon	Trudeau & Fil- lee	Aug. 24	6	10	22	6	"	D	Brown earth 12; grey soft rock 35; grey sand 35; grey limestone 55. Water at 49.
Con IV lot 11	L. Binette	V. Cossette	June 16	2	2 1/2	28	13	"	D	Sand gravel boulders 34; limestone 80. Water at 78.
Con IV lot 12	S. Bérnin	"	June 12	2	40	28	12	"	D	Boulders hardpan 38; limestone 45. Water at 42.
Con V lot 16	S.S.# 6	Trudeau & Fil- lee	Sept. 22	2	2	55	12	"	D	Red clay 1; coarse grey gravel 22; fine grey gravel 39; grey limestone 45. Water at 42.

Con VII	lot 16	Commission Scolaire	V. Cossette	June 3	3	4	28	13	Fresh	P	Clay 60;boulders hardpan 70;limestone 116. Water at 113.
Longueuil		R. LeBlanc	Trudeau & Fils- Ltee	Aug. 14	5	2	60	Flows	"	D	Previously drilled 122;grey limestone 272. Water at 260.
Longueuil		C. Charlebois	"	Aug. 17	6	10	141	59	"	D	Previously drilled 80;grey shale limestone 141. Water at 140.
Longueuil		D. Lacelle	Pollskin Well Drilling	Sept. 3	5	8	25	20	"	D,S	Clay 10;hardpan 35;gravel 40;limestone 90. Water at 75.
L'Original		L.P. Bedard	Trudeau & Fils- Ltee	May 21	6	17	30 1/2	9 1/2	Fresh	D	Red clay 8;red earth 15;grey limestone 45. Water at 40.
L'Original		J. Roy	Pollskin Well Drilling	Sept. 7	5	5	25	10	"	D	Clay 15;hardpan 20;limestone 70. Water at 50.
L'Original		A. Kingsbury	Trudeau & Fils- Ltee	Sept. 12	6	2	80	18	"	D	Red earth 17;grey gravel boulders 20;grey gravel 37;grey shale 80. Water at 76.
L'Original		G. Latrielle	Pollskin Well Drilling	Sept. 12	5	10	30	20	"	D	Hardpan 38;limestone 60. Water at 55.
L'Original		C.S. Jean	"	Sept. 18	5	4	40	20	"	D	Clay 10;hardpan 30;limestone 130. Water at 125.
L'Original		L. Roches	"	Sept. 24	5	4	35	20	"	D	Clay 15;hardpan 25;limestone 90. Water at 85.
L'Original		E. Seguin	"	Sept. 30	5	5	30	22	"	D	Clay 14;hardpan 25;limestone 90. Water at 80.
L'Original		A. Huneault	"	Cet. 2	5	5	30	20	"	D	Hardpan 30;limestone 80. Water at 75.
L'Original		V. Gougeon	"	Nov. 18	5	4	50	30	"	D	Sandy clay 10;hardpan 38;sand 44;limestone 160. Water at 150.
South Plantaganet Twp.											
Con XVIII	lot 6	Fromagerie Co-op.	A. Bourdon	Mar. 21	5	10	Dry	2	Fresh	N	Blue clay 55;gravel 112. Water at 65.
Con XVIII	" 6	"	"	Mar. 25	5	33	8	8	Sulphur	In	Red clay 35;blue clay 98;gravel 110. Water at 100.
West Hawkesbury Twp.											
Con I	lot 1	R.D. Lecuyer	Trudeau & Fils- Ltee	Aug. 19	6	8	35	6	Fresh	D	Brown topsoil 10;grey soft rock 27;grey limestone 45. Water at 42.
Con I	" 4	P. Janisse	Pollskin Well Drilling	Sept. 18	6	20	30	20	"	P	Shale 15;limestone 110. Water at 105.
Con I	" 14	G.Prud'Homme	Trudeau & Fils- Ltee	June 26	6	33	0	Flows	"	D	Grey gravel 21;grey pebbles 25;grey limestone 47. Water at 47.
Con I	" 16	M. Cass	"	Sept. 15	6	4	85	29	"	D	Grey clay 63;grey gravel 70;grey shale 85. Water at 80.
Con V	" 10	Sinclair Sup- ply Co.	Pollskin Well Drilling	May 19	6	4	22	12	"	D	Sandy clay 60;limestone 104. Water at 100.
Con VI	" 6	B.E.Richardson	Trudeau & Fils- Ltee	Aug. 1	5	6	48	10	"	D	Red soil red stone 11;grey gravel 31;grey limestone 54. Water at 45.
PRINCE EDWARD COUNTY				2 /							
Ameliasburg Twp.											
CPRE	lot 1	R.F. Vieau	J.W.Summer & Son	Oct. 6	5	3	60	37	Fresh	D	Dark brown soil 13;limestone 71. Water at 69.
CPRE	" 1	C. Hilton	"	Nov. 4	5	3	15	12	"	D	Brown clay 15;limestone 50. Water at 50.
CPRE	" 10	D. Branscombe	L.H.McClemmon	Sept. 9	6	5	52	20	Sulphur	D	Clay gravel 3;grey limestone 100. Dry Hole.
Con I	" 74	T.A. Machold	T.Donaldson & Son	Sept. 19	6	5	52	20	Sulphur	D	Clay 21;soft limestone 52. Water at 40.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRINCE EDWARD COUNTY - cont.										
Ameliasburg Twp. - cont.										
Con I lot 75	R.A. Terry	T. Donaldson & Son	Sept. 19	6	1	50	15	Fresh	D	Clay 42; soft limestone 50. Water at 43.
Con I " 76	C. Embury	G.H. Chalk Jr.	June 12	6	2 1/2	46	7	"	D	Clay gravel 14; shale 24; limestone 46. Water at 23.
Con I " 77	H. Ryan	"	June 6	6	2	53	5	"	D	Clay gravel shale 17; limestone 53. Water at 27.
Con I " 81	C. Troughton	"	June 5	6	3	99	20	"	D	Clay 6; limestone 99. Water at 90.
Con I " 89	B. Osterhout	H.E. Jones & Son	June 4	6	3	70	3	"	S	Black loam 2; gravel clay 4; shaly limestone 6; limestone 70. Water at 6.
Con I " 89	"	"	June 11	6	3	140	9	"	S	Black loam 2; shaly limestone 5; limestone 140. Water at 10.
Con I " 96	R. Whitley	"	July 11	6				"		Dug well 14; hardpan 17; limestone 54. Dry hole.
Con I " 100	D. Zandstra	"	Sept. 14	6				Fresh		Dug well 9; limestone 60. Dry hole.
Con I " 106	C. Jackson	J.W. Summers & Son	July 5	3	1	8	2	"	D	Brown topsoil 2; shale 4; limestone 19. Water at 9.
Con I " 106	S. Brickman	L.H. McClennon	July 30	6	1 10	40	0	Salty	D	Clay 5; grey limestone 63. Water at 60.
Con II " 57	A. Foster	T. Donaldson & Son	May 31	6	1	88	10	Sulphur	D	Clay 12; soft limestone 88. Water at 68.
Con II " 60	W. Keven	"	May 6	6				"		Clay 5; hard limestone 110. Dry hole.
Con II " 60	"	"	May 12	6				"		Clay 5; hard limestone 40. Dry hole.
Con II " 60	"	"	May 26	6				"		Clay 5; hard limestone 40. Dry hole.
Con II " 63	S. Parks	"	July 18	6				"		Clay 6; soft limestone 70. Dry hole.
Con II " 63	W. Chambers	"	Aug. 16	6				"		Clay 2; soft limestone 30. Water at 25.
Con II " 64	R. Thompson	"	July 14	6	3	30	20	Fresh	D	Clay 2; soft limestone 30. Water at 25.
Con II " 64	D. Fransworth	"	July 16	6	3	37	10	"	D	Clay 9; soft limestone 37. Water at 30.
Con II " 64	Nassau	G.H. Chalk Jr.	July 29	6				Fresh		Gravel builders 5; limestone 60. Dry hole.
Con II " 82	United Church	"	Feb. 27	6	5	56	16	"	D, S	Clay 1; shaly limestone 5; green shale 27; grey limestone 100. Water at 31.
Con II " 82	A. Adams	H.E. Jones & Son	Oct. 3	6	5	35	10	"	D	Clay gravel 7; grey limestone 35. Water at 20.
Con II " 82	J. Skinkle	L.H. McClennon	May 20	6				Fresh		Clay gravel 4; grey limestone 55. Dry hole.
Con II " 82	A. Eley	"	May 21	6	3	40	1	"	D	Clay gravel 5; grey limestone 40. Water at 30.
Con II " 82	J. Miners	"	May 21	6	4	35	5	"	D	Clay gravel 11; grey limestone 35. Water at 30.
Con IV " 83	N. Whitley	"	Aug. 11	6	5 1/2	86	75	"	D, S	Clay gravel 6; grey limestone 86. Water at 75.
Con IV " 100	J. Wait	"	Sept. 16	6	1	75	12	"	D	Clay builders 7; grey limestone 75. Water at 60.
Con IV " 107	C. Burris	"	Oct. 2	6	3	45	15	"	D	Clay gravel 19; grey limestone 45. Water at 38.
Gore G	B. Aleya	H.E. Jones & Son	Sept. 18	6	3	32	15	"	D	Clay stones 3; shaly limestone 4; limestone 32. Water at 24.
Athol Twp.										
Block A	Ont. Dept. Lands & Forests	H. & R. Rolston	Jan. 19	7	10	20	14	"	P	Sand 35; grey limestone 40. Water at 37.
Block A	"	"	Feb. 5	7	10	18	12	"	P	Sand 35; grey limestone 45. Water at 40.
Block B	"	"	Mar. 18	7	5	17	14	"	P	Pine sand 3; grey limestone 40. Water at 35.
Block B	"	"	Mar. 24	7				"	N	Pine sand 60. Water from 10 to 60.
Block B	Weibanks Bros	L.H. McClennon	Oct. 7	6	10	25	15	"	D, S	Sandy gravel 13; grey limestone 55. Water at 25.
Block BB	D. Forestell	"	Aug. 20	6	5	20	15	"	D	Hard heads sand 10; grey limestone 35. Water at 22.
EL SS Con II lot 2	F. Grasey	"	Aug. 14	6				"		Clay stones 5; grey limestone 65. Dry hole.
EL SS Con II " 3	E. Kerr	"	Aug. 8	6	2	40	17	Fresh	D	Clay stones 5; shale 7; dark limestone 40. Water at 25.
Bloomfield	B. Rolston	H. & R. Rolston	Apr. 9	7	6	15	12	"	D	Loam 4; clay 21; limestone 35. Water at 30.
Bloomfield	M. Dulmage	"	Apr. 17	7	5	12	8	"	D	Sandy loam 25; limestone 35. Water at 30.
Bloomfield	C. Biggs	"	May 7	7	1 1/2	50	14	"	D	Coarse sand 29; limestone 50. Water at 45.
Bloomfield	L. Bruce	"	Sept. 18	7	1 1/2	45	17	"	D	Coarse fine gravel 22; limestone 45. Water at 40.



Hallowell Twp. CPNW Con I	lot 6	K. Carroll	L.H. McClennon	June 16	8	10	60	39	Fresh	D	Clay gravel shale 6; limestone 60. Water at 51.
ELNS Con I	" 8	C. Vanloven	H. & R. Rolston	Sept. 21	6	10	30	15	"	D	Limestone gravel 1; grey limestone 35. Water at 30.
ELNS Con I	" 20	M. Gertler	L.H. McClennon	Nov. 21	8	10	20	15	"	D	Clay gravel 12; grey limestone 55. Water at 48.
Core G		C. Pearfall	H. & R. Rolston	Sept. 2	6	10	21	15	"	D	Clay 7; grey limestone 28. Water at 25.
Core H		Lakeland Farms	"	Sept. 2	6	10	45	28	"	D	Gravel sand 19; limestone 65. Dry hole.
MT Con I	" 2	M. Rabbie	"	Sept. 5	6	10	45	28	Fresh	D, S	Gravel sand 13; limestone 45. Water at 28.
MT Con II	" 2	J. Jones	"	Dec. 4	6	10	35	12	"	D	Clay sand 18; grey limestone 35. Water at 30.
MT Con III	" 2	J. Hanna	"	Aug. 23	6	10	35	12	"	D	Limestone gravel 3; grey limestone 35. Water at 30.
MT Con III	" 8	C. Ulich	"	May 27	7	2	35	16	Sulphur	D	Gravel 10; limestone 30. Water at 25.
MT Con III	" 8	F. Hennessy	"	Sept. 9	6	2	30	4	"	D	Clay 6; limestone 30. Water at 30.
MT Con III	" 8	F. Dainard	L.H. McClennon	Sept. 12	6	10	38	18	"	D	Clay gravel 14; grey limestone 50. Water at 45.
MT Con III	" 9	R. Duetta	"	Dec. 20	6	10	45	10	"	S	Clay gravel 14; grey limestone 56. Water at 50.
MT Con III	" 9	W. Leavitt	H. & R. Rolston	Nov. 17	6	10	22	17	"	D	Clay sand stones 7; grey limestone 34. Water at 28.
MT Con III	" 9	K. Aulthouse	L.H. McClennon	Aug. 27	6	10	50	18	"	D	Clay loam 14; grey limestone 50. Water at 45.
MT Con III	" 12	M. Calfe	H. & R. Rolston	Aug. 27	6	10	15	10	"	D	Clay stones 6; grey limestone 31. Water at 24.
Foods Ltd.	" 16	R. Thompson	"	Nov. 2	7	3	58	23	"	In	White clay 42; limestone 58. Water at 55.
MT Con III	" 19	O. Brown	"	Nov. 2	6	10	50	16	Gas	N	Sandy loam 29; grey limestone 50. Water at 45.
MT Con III	" 19	C. E. Steel	L.H. McClennon	Dec. 9	6	10	21	12	Fresh	D	Sandy clay 31; grey limestone 44. Water at 40.
MT Con III	" 22	L. Vanhake	"	Apr. 28	6	10	21	12	"	D	Medium sand 56; grey limestone 153. Water at 140.
WLNW Con I	" 7	C. E. Steel	"	July 30	6	10	153	50	"	D	Sand 53; grey limestone 57. Water at 56.
WLNW Con I	" 7	D. Cleave	"	July 14	6	20	35	22	"	D	Clay gravel 18; grey limestone 35. Water at 33.
WLNW Con I	" 13	P. Haigt	"	Nov. 10	6	10	20	4	"	D	Clay gravel 9; grey limestone 35. Water at 30.
WLNW Con I	" 1	C. McPaul	"	May 7	6	10	28	5	"	D	Clay loam stones 11; grey limestone 50. Water at 45.
WLNW Con II	" 2	C. Cassidy	"	Apr. 16	6	10	12	1	"	D	Clay gravel 5; grey limestone 19. Water at 15.
WLNW Con II	" 2	G. Ward	"	May 16	6	10	25	18	"	S	Clay loam large gravel 23; grey limestone 86. Water at 45.
WLNW Con II	" 3	H. Dick	"	Aug. 1	6	10	12	7	"	S	Clay stones 7; grey limestone 35. Water at 22.
WLNW Con II	" 3	C. Hicks	"	Mar. 11	6	8	10	2	"	S	Clay gravel 6; grey limestone 52. Water at 30.
WLNW Con II	" 11	A. Veder	"	May 11	6	10	20	4	"	S	Clay gravel 4; grey limestone 35. Water at 25.
WLNW Con II	" 11	B. Russell	"	May 13	6	3	38	4	"	D	Clay gravel 6; grey limestone 38. Water at 28.
WLNW Con II	" 2	J. Wilson	H. & R. Rolston	May 1	6	3	52	18	"	D	Sand 35; hard large gravel 50; grey limestone 52. Water at 45.
WLNW Con II	" 5	"	"	Apr. 28	7	5	17	9	"	D	Pine sand 39; limestone 45. Water at 40.
Hillier Twp. Con I	lot 13	W. Cunningham	L.H. McClennon	July 23	6	10	5	3	Fresh	S	Clay stones 10; shale 12; brown limestone 25. Water at 18.
Con I	" 13	J. Vanhaarlem	"	July 25	6	7	15	10	"	D	Clay gravel 6; shale 7; grey limestone 25. Water at 16.
Con I	" 20	R. Hamilton	"	Sept. 2	6	10	25	9	"	S	Clay gravel 6; grey limestone 50. Water at 43.
Con II	" 17	J. Alexander	"	July 8	6	5	80	8	"	S	Clay gravel 6; grey limestone 80. Water at 21.
Con II	" 27	D. Alkya	"	Aug. 28	8	75	30	23	"	D, S	Clay gravel 10; grey limestone 51. Water at 48.
Con III	" 29	C. McKay	"	Dec. 4	8	3	57	15	"	S	Clay gravel 11; grey limestone 37. Water at 40.
Con III	" 1	W. Clossom	"	July 4	8	10	76	22	"	S	Clay gravel 4; grey limestone 72. Water at 51.
Con III	" 7	J. Taylor	"	Nov. 26	6	5	80	20	"	S	Clay gravel 4; grey limestone 80. Water at 35.
Con III	" 20	C. Cla'p	"	Apr. 13	8	5	60	5	"	In	Clay gravel boulders 8; grey limestone 60. Water at 18.
Con III	" 21	F. Way	"	Aug. 15	6	5	30	10	"	D, C	Clay stones 4; grey limestone 35. Water at 30.
Con III	" 21	W. Patterson	"	Oct. 22	6	4	55	12	"	D	Clay gravel 6; limestone 55. Water at 30.
Con IV	" 107	"	"	Dec. 8	6	4	50	5	"	D	Clay gravel 3; grey limestone 50. Water at 46.
SB	" 15	R. Westover	A.E. Jones & Son	Sept. 16	6	5	21	16	"	D	Loam 1; shale 4; limestone 41. Water at 38.
North Marysburg Twp. BSS Con II	lot 2	A. Head	L.H. McClennon	Sept. 12	6						Clay gravel 6; grey limestone 80. Dry hole.
BSS Con II	" 7	A. Doerscheijn	H. & R. Rolston	Sept. 25	6						Limestone gravel 7; grey limestone 40. Dry hole.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRINCE EDWARD COUNTY - cont.	Sophasburg Twp. B.I. lot 43	L.H. McClellan	Aug. 21	6	2	30	9	Fresh	D	Clay sand 8; fine sand 14; grey limestone 30. Water at 25.
	B.I. lot 43	A. & R. Rolston	Aug. 24	6	2 1/2	35	11	"	S	Blue clay 19; limestone 35. Water at 30.
	B.I. lot 43	"	Sept. 14	6	1 1/2	35	23	"	D	Blue clay 19; limestone 35. Water at 45.
	B.I. lot 43	"	Sept. 14	6	3	75	2	"	S	Clay 9; grey limestone 50. Water at 45.
	Gore B	L.H. McClellan	Sept. 12	6	3	75	2	"	S	Clay 9; grey limestone 50. Water at 54.
	Gore B	"	Sept. 28	8	3	100	25	"	S	Clay gravel 9; grey limestone 100. Water at 86.
	QFSW Con I	"	Sept. 30	6	6	7	4	Fresh	D	Clay gravel 6; grey limestone 150. Dry hole.
	QFSW Con I	"	Sept. 30	6	6	10	16	"	D	Grey S 1/2 limestone 20. Water at 18.
	QFSW Con I	"	Aug. 28	6	6	7	4	"	D	Clay 1; grey limestone 45. Water at 40.
	QFSW Con I	"	Aug. 30	6	10	40	16	"	D	Clay 1; grey limestone 45. Water at 40.
	North Port	"	Sept. 28	6	10	20	5	"	D	Sand 7; grey limestone 20. Water at 40.
	United Church	"	July 21	6	5	50	6	"	D	Clay Gravel 4 1/2; grey limestone 50. Water at 30.
	C. Burr	"	"	"	"	"	"	"	"	"
	E. Judy	"	"	"	"	"	"	"	"	"
	South Marysburg Twp. BRN Con I lot 6	L.H. McClellan	Dec. 23	6	4	46	24	Fresh	D	Clay gravel 5; grey limestone 60. Dry hole.
	BRN Con I " 30	"	Sept. 17	6	"	"	"	"	"	Clay gravel 3; soft limestone 25; hard grey limestone 46. Water at 35.
	Wellington	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
RENFREW COUNTY	Adamston SBR	J.B. Dufresne Co Ltd.	Jan. 28	6	16	25	12	Fresh	S	Clay 52; gravel boulders 65; granite 72. Water at 70.
	Con I	"	"	"	"	"	"	"	"	"
	Con II	"	"	"	"	"	"	"	"	"
	Con II	"	"	"	"	"	"	"	"	"
	Con V	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
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	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
Alice Twp.	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
	Con A	"	"	"	"	"	"	"	"	"
Bagot Twp.	Con III	"	"	"	"	"	"	"	"	"
	Con IX	"	"	"	"	"	"	"	"	"
	Con X	"	"	"	"	"	"	"	"	"
	Con XI	"	"	"	"	"	"	"	"	"
	Con XII	"	"	"	"	"	"	"	"	"
	Con XIII	"	"	"	"	"	"	"	"	"
	Con XIV	"	"	"	"	"	"	"	"	"
	Con XV	"	"	"	"	"	"	"	"	"
	Con XVI	"	"	"	"	"	"	"	"	"
	Con XVII	"	"	"	"	"	"	"	"	"
	Con XVIII	"	"	"	"	"	"	"	"	"
	Con XIX	"	"	"	"	"	"	"	"	"
	Con XX	"	"	"	"	"	"	"	"	"
	Con XXI	"	"	"	"	"	"	"	"	"
	Con XXII	"	"	"	"	"	"	"	"	"
	Con XXIII	"	"	"	"	"	"	"	"	"
	Con XXIV	"	"	"	"	"	"	"	"	"

Old hole 26;grey limestone 90;red slate 120. Water at 90.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RENFREW COUNTY - cont. Horton Twp. - cont. Con III lot 8	J. Thompson	J.B. Dufresne Co. G.H. Law Ltd.	Oct. 13	2	5	25	16	Fresh	D	Clay 16;boulder gravel 40;white limestone 66. Water at 60.
Con III	J. Boicey	"	June 4	5	9	20	19	"	D	Sand boulders 4;limestone 90. Water at 85.
Con III	D. Brown	"	Aug. 6	5	3	150	10	"	D	Previously drilled 67;limestone 150. Water at 140 and 150.
Con IV	L. Anderson	"	May 2	5	15	12	12	"	D	Sandy loam boulders 14;grey limestone 47. Water at 45.
Con IV	S.S. # 2.	"	July 11	5	10	26	6	"	P	Clay 9;sandstone 29;grey limestone 107. Water at 80 and 105.
Con V	R.G. Cole	J.B. Dufresne Co. G.H. Law	Dec. 18	3	5	45	38	"	D	Sand gravel 70;limestone 170. Water at 170.
Con V	E. Burton	"	May 22	5	9	8	8	"	D,S	Loam 5;limestone 60. Water at 55.
Con VI	G. Burton	"	Aug. 28	5	5	13	10	"	D	Limestone 80. Water at 75.
Con VI	P.W. Best	"	Jan. 30	5	13 1/2	13	13	"	D,S	Blue clay 95;sand gravel 98;grey limestone 145. Water at 140
Con VII	R. Mullins	A. Stanton G.H. Law	Aug. 5	5	18	75	8	"	D	Loam stone 6;limestone 80. Water at 35;63 and 78.
Con XI	L. Cote	"	Aug. 21	5	1	21	6	"	D	Dug well 6;limestone 21. Water at 21.
Killaloe Station	B. Oknum	V.H. Marquardt & Sons	Apr. 3	4	5	29	14	Fresh	D	Old well 14;grey granite 44. Water at 43.
McNab Twp.	J. McKay	K. Presley	June 16	5	17	3	3	Fresh	C	Blue clay 25;limestone 34. Water at 32.
Con A	W. Postman	"	May 5	5	13	6	6	"	D	Blue clay 37;limestone 72. Water at 70.
Con B	E. Obst	"	Apr. 25	5	30	10	10	"	D	Blue clay 60;limestone 64. Water at 67.
Con B	D. Mullins	D.O. McHardy	June 13	4	8	80	75	"	D	Loam stones 3;grey limestone 80;soft red rock 100;grey limestone 138. Water at 138.
Con B	P. Boire	A. Stanton G.H. Law	May 27	5	10	60	12	"	D	Loam 6;grey limestone 90. Water at 27,52,70 and 82.
Con B	A. Harkack	"	Apr. 4	5	10	10	10	"	D	Gravel sand boulder fill 15;white limestone 61. Water at 60.
Con B	C. Storey	"	July 18	5	9	40	6	"	C	Sandy loam 4;grey limestone 30;black shale 87. Water at 62.
Con C	W. Horan	"	Mar. 26	5	10	6	6	"	C	Loam 3;grey limestone 65. Water at 60.
Con C	D.A. Gillies	A. Stanton	July 27	5	30	160	43	"	D	Sand Gravel 12;red granite 260;white limestone 298. Water at 20,175 and 293.
Con C	L. Scobie	K. Presley	Aug. 25	5	10	15	15	"	D	Sandy loam 24;sand boulders 28;limestone 39. Water at 37.
Con C	D. Savard	"	Apr. 14	5	13	8	8	"	D	Soft grey granite 40. Water at 38.
Con I	J. Kenopic	G.H. Law	Aug. 15	5	15	7	7	"	D,S	Sandy loam 10;black granite 33. Water at 30.
Con II	J. Armstrong	"	July 13	4	8	106	0	"	P	Gravel 11;red granite 13;gravel stones 14;red granite 18; gravel 19;grey granite 78;granite 90;grey granite 106. Water at 100.
Con II	A.M. McLeod	W.V. Nurent G.H. Law	Dec. 31	6	1	64	17	"	D	Earth 10;red granite 64. Water at 47.
Con V	M. McLean	"	Mar. 12	5	10	5	0	"	D,S	Grey clay 37;fine sand 38;grey limestone 85. Water at 80.
Con IX	H. Schell	K. Presley	June 25	5	17	8	8	"	D,S	Blue clay 42;limestone 60. Water at 58.
Con IX	C. Bann	J.B. Dufresne Co. G.H. Law	Sept. 19	5	5	40	10	"	D	White limestone 49. Water at 45.
Con X	M. Scheel	"	Sept. 30	5	12	6	6	"	D	Blue clay 24;limestone 50. Water at 48.
Con XI	H. Watson	"	July 14	5	10	40	40	"	D	Blue clay 90;limestone 102. Water at 100.
Con XI	E. Cameron	"	June 11	5	13	6	6	"	D	Blue clay 36;limestone 55. Water at 53.
Con XI	L. Campbell	"	Sept. 22	5	10	18	18	"	D	Blue clay 45;limestone 68. Water at 66.
Con XI	J. McMillan	"	May 21	5	20	18	14	"	D,S	Blue clay 38;limestone 99. Water at 97.
Matagorda Twp. Con III lot 12	W. Parks	C.V. Morrison	Dec. 16	5	4 1/2	8 1/2	50	Fresh	D	Soil 4;grey granite 83. Water from 70 to 83.
North Algonia Con IV lot 19	A.C. Bowes	V.H. Marquardt	June 26	5	8	10	0	"	C	

Femrooke fwp.

Con I	lot 22	Dr. B.L. Jumaletis	F.E. Johnston Drilling Co.	May 25	5	6	120	10	Fresh	D	Hardpan boulders 11; grey granite 126. Water at 101.
Con II	" 1	L. Graham	V.H. Marquardt & Sons Drilling Co.	Aug. 31	5	6	90	7	"	D	Hardpan 10; limestone 115. Water at 114.
Con II	" 18	H. Plummer	F.E. Johnston Drilling Co.	Aug. 4	8	17	180	32	"	P	Brown sand 34; sandy hardpan 84; hardpan 155; grey limestone 176; red shaly limestone 180; black red granite mixed 200. Water at 180.
Con II	" 18	A. May	"	Nov. 25	5	17	50	40	"	D	Sandy hardpan 135; brown limestone 190. Water at 185.
Con II	" 19	Zion Church Manse	F.R. Cossette	Feb. 27	2	5	50	36	"	D	Blue clay 40; sand gravel boulders 120; limestone 194. Water at 194.
Con II	" 20	W.E. Brown	F.E. Johnston Drilling Co.	Oct. 19	5	10	75	60	"	D	Brown sand 75; hardpan 125; limestone 172. Water at 170.
Con II	" 21	L. Wright	V.H. Marquardt & Sons Drilling Co.	Aug. 6	5	6	120	30	"	D	Quicksand 32; fine gravel 38; clay 128; limestone 140. Water at 140.
Con II	" 21	H. DeJong	F.E. Johnston Drilling Co.	Nov. 17	5	8	130	40	"	D	Clay 10; hardpan 124; shaly limestone 140; hard brown limestone 172. Water at 155.
Petawawa Twp. Con C	lot 16	Arnprior Dev. Co. Ltd.	Blair Phillips Drilling Co. Ltd.	Feb. 6	4	2½	47	37	Fresh	D	Sand 60. Water at 60.
Con VIII	" 21	R. Starnand	F.E. Johnston Drilling Co.	Oct. 26	5	10	180	55	"	D	Dug well 30; gravel 70; boulders sand 75; red brown granite 127; black granite 250. Water at 215.
L.R.	" 1	V. Haar	"	Dec. 29	5	16	25	22	"	D	Dug well 27; red granite 55. Water at 50.
L.R.	" 2	H. Leahey	"	July 1	5	3	190	Flows	"	D	Dug well 15; grey granite 205. Water at 200.
L.R.	" 2	"	"	Sept. 9	5	5	95	12	"	D	Clay 9; grey granite 102. Water at 60.
L.R.	" 2	"	"	Sept. 15	5	8	90	10	"	D	Clay 23; grey granite 95. Water at 85.
L.R.	" 2	"	"	Sept. 29	5	10	21	10	"	D	Clay 24; grey granite 39. Water at 33.
Range B	" 7	Kramer Const.	"	Oct. 6	5	1	225	35	"	D	Sand 57; black granite 225. Water at 180.
Range B	" 7	"	"	Oct. 7	5	15	100	78	"	D	Sandy loam 2; gravel 60; quicksand boulders 80; grey granite 134; black granite 218. Water at 190.
Raglan Twp. Con XVIII	lot 24	G. Youke	V.H. Marquardt & Sons	July 4	4	3½	37	5	Fresh	D	Brown soil 8; grey granite 51½. Water at 51.
Renfrew		Centre Side Dairy	G.H. Law	May 17	5	20	70	51	Fresh	In	Blue clay 59; grey limestone 78; white limestone 272. Water at 260.
Ross Twp. Con VII	lot 9	K. Eckford	J.B. Dufresne Co. Ltd.	Mar. 14	6	8	200	140	Salty	D, S	Clay 78; granite limestone 240. Water at 232.
Con IX	" 10	R. Patterson	"	Mar. 10	6	2	85	16	Fresh	D	Clay 16; white limestone 95. Water at 68.
Stafford Twp. Con I	lot 29	H. Schruder	V.H. Marquardt & Sons	Sept. 29	4	6	90	20	Fresh	D	Old well 22; hardpan 60; granite 128. Water at 127.
Con IV	" 18	G. Lair	F.E. Johnston Drilling Co.	July 6	5	10	75	10	"	D	Old well 14; white limestone 40; grey limestone 100. Water at 96.
Con IV	" 18	"	"	July 13	5	8	140	21	"	D	Clay loam 2; white limestone 50; grey limestone 139; red shaly limestone 159. Water at 149.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- MING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HENFREW COUNTY - cont. Westmeath Twp. Con II	Lot 27	G. Wright	Sept. 4	5	4	63	8½	Fresh	D	Old well 8½; grey limestone 79½. Water at 79.
	MLW Con I	"	Oct. 10	6	2	200	15	"	D	Clay 11; red granite 200. Water at 188.
	MLW Con II	"	Dec. 5	5	5	30	5	"	P	Clay 10; grey limestone 76. Water at 75.
	MLW Con II	"	Jan. 27	6	7	35	22	"	D	Clay 25; broken rock granite 50; granite 75. Water at 72.
	MLN Con II	"	Jan. 20	6	3	150	45	"	D	Clay 94; gravel 114; granite 155. Water at 150.
	MLW Con II	"	Mar. 8	6	2	200	28	"	D	Clay 28; limestone 240. Water at 140.
	Wilberforce Twp. Con A	"	Mar. 3	5	7	95	18	Sulphur	D, S	Brown clay boulders 26; blue clay 89; grey limestone 110. Water at 95 and 105.
	Con VII	"	Jan. 12	5	6½	120	20	Fresh	D, S	Brown soil 30; red granite 140. Water at 140.
	Con VIII	"	Oct. 12	5	5	24	5	"	D	Brown soil 17; limestone 40. Water at 40.
	Con VIII	"	Oct. 20	4	8	20	Flows	"	D	Brown soil 10; red granite 70. Water at 70.
	Con IX	"	Aug. 18	4	9	40	21	"	P	Dug well 23; hardpan 27; grey limestone 57. Water at 57.
	Con XI	"	Apr. 2	5	8	178	26	"	D, S	Dug well 36; blue clay hardpan 95; granite boulder 102; hardpan 115; quartz red granite 156; grey granite 196. Water from 102 to 115; and from 179 to 180 and from 185 to 195.
	Con II	"	Sept. 14	4	5	105	80	Salty	D	Sandy soil 40; red clay 80; quicksand 150; black clay 170; quicksand 180; sand gravel 185. Water at 185.
	Con VIII	"	June 12	5	25	10	5	Fresh	D	Grey clay 35; sand 45. Water at 45.
RUSSELL COUNTY Cambridge Twp. Con II	Con IX	"	Sept. 28	4	5	16	16	"	D	Grey clay 10; blue clay 30; hardpan 36; fine sand 56; limestone. Water at 56.
	Con IX	"	Nov. 7	4	4	82	20	Sulphur	D, S	Dug well 32; clay boulders 40; hardpan 48; hard grey rock 82. Water at 80.
	Con X	"	June 1	5	15	30	10	Fresh	D	Grey clay 10; blue clay 40; hardpan 50; sand 60; grey limestone 65. Water at 62.
	Con X	"	Feb. 25	4	10	35	12	"	D	Red clay 15; blue clay 45; hardpan 65; gravel 70. Water at 70.
	Con X	"	June 5	4	10	1	Flows	"	D	Grey clay 10; blue clay 50; hardpan 58; grey limestone 60. Water at 60.
	Casselman	"	Apr. 24	4	8	33	25	Fresh	D	Clay 20; blue clay 40; hardpan 52; gravel 53. Water at 53.
	Casselman	"	Aug. 27	4	20	30	19	Sulphur	D	Brown soil 20; blue clay 40; sand 58. Water at 58.
	Casselman	"	Sept. 20	4	4	15	20	Fresh	D	Brown soil 10; blue clay 27; hardpan 37; limestone 337. Dry hole
	Casselman	"	Oct. 10	4	15	20	18	Fresh	D	Red clay 10; blue clay 30; hardpan 50; gravel 53; limestone 54. Water at 54.
	Casselman	"	Dec. 3	4	15	37	20	"	P	Dug well 18; hardpan 35; sand 38; hardpan 50; gravel 52; limestone 57. Water at 57.
/ 2										





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY Adjala Twp.										
Con I	P. Thomson	M. Coupland	Aug. 3	4						Clay loam 18; coarse sand gravel 70; clay 72; quicksand 96; quicksand fine sand 226. Dry hole.
Con IV	D. McElwain	Smith & Davenport	July 18	4	2	150	32	Fresh	D	Dug well 31; gravelly clay 48; dolomite 165. Water from 48 to 165.
Con V	M. Demianuit	D. Loughheed	Feb. 19	4	12	62	60	"	D, S	Blue clay 200; coarse sand 211. Water at 241.
Con VI	P. U. C.	International Water Supply Co.	Aug. 26	2	30	22	13	"	T	Topsoil 1; brown clay gravel 10; blue clay gravel boulder 35; tight silt fine sand 40; hard clay gravel 73; coarse sand gravel 77; silt sand 82; clay 84; silt sand 97; coarse sand clay 98; coarse sand 102; soft clay 111.
Con VI	"	"	Aug. 28	1			12½	"	T	Topsoil 1; brown clay gravel 11; blue clay gravel boulder 32; silt sand 36; hard blue clay gravel 73; coarse sand 78; silt sand 81; clay 83; sand clay 96; clay 97; coarse sand 101.
Con VI	"	"	Sept. 10	4	102	25	13	"	T	Topsoil 1; brown clay boulders 12; blue clay sand 34; gravel boulders silt sand 38; hard clay 73; coarse sand 78; silt sand clay streaks 81; clay 84; sand gravel boulders 100; clay 101. Water at 84.
Con VI	"	"	Sept. 11	1			13	"	T	Topsoil 1; brown clay gravel 11; blue clay gravel boulder 32; silt sand 36; hard blue clay gravel 73; coarse sand 78; silt sand clay 81; clay 84; sand clay 96; clay 97; coarse sand 101.
Con VII	J. Grundy	D. S. Loughheed	Oct. 17	4	6	0	Flows	"	D	Topsoil 1; brown clay 6; silt 34; clay 59; hard packed sand 86; sand gravel 93. Water at 93.
Alliston	P. U. C.	International Water Supply Co.	Apr. 23	5					T	Sand 3; brown clay 9; fine sand gravel 40; blue clay gravel 62; sandy blue clay gravel 104; blue clay sandy hard packed gravel 134; sandy blue clay gravel 156; sandy blue clay gravel 177; sandy blue clay gravel 201; sandy blue clay gravel 209; sandy blue clay 246; sandy blue clay 269; hard packed sandy blue clay gravel 280; brown limestone 286.
Alliston	"	"	June 25	5					T	Sand clay 15; clay gravel 27; gravel clay 32; clay gravel 37; tight silt 40; clay gravel 66; silt 93; sandy clay 102; clay 109 gravel 110; clay gravel 142; sandy clay 163; silt 170; soft silty clay 228; clay streaks silt 253; gravel 254; clay 259; boulder clay gravel boulders 262; hard clay gravel 270; red shale 277; rock 278.
Alliston	"	"	July 7	2	33	6	Flows	Fresh	T	Fill 17; clay 20; coarse sand 22; clay gravel boulders 44; silt clay 49; gravel boulders 55; gravel sand 59; clay 74; silt 86; soft silty clay 89; clay 109; sand gravel 110; clay 121; soft sand clay 119; clay gravel 127; hard clay gravel 148; silt fine sand 170; silt 182; gravel 187; hard clay gravel 223; gravel boulders clay 225; gravel boulders 229; hard clay 237; boulders harpoon 239; clay boulders 242; gravel boulders 244; clay boulders 253; silt.
Alliston	"	"	July 14	5					T	Blue clay 4; silt. sand wood 16; clay 59; silt 75; clay 94; silt sand 99; clay 100; silt 107; clay 139; silt sand fine gravel 160; soft silty clay 174; hard clay 176.
Alliston	"	"	July 17	5					T	Blue clay 1; silt wood gravel boulder 26; blue clay gravel 59; silt 75; clay gravel 95; sand gravel 98; silty clay 108; hard clay 140; silt sand 160; silty soft clay 175; hard clay boulder 201.
Alliston	"	"	July 27	5					T	Fill sand 11; clay gravel boulders 65; silt 73; clay 92; silt 103; hard clay gravel 143; silt 163; soft silty clay 165.
Alliston	"	"	July 28	5					T	Fill wood 11; clay sand boulders 40; soft silty clay 58; silt 60; gravel 66; silt 102; clay gravel 104; silt 115; clay gravel 121; silt 163; silt fine sand; sort silty clay 177.

Alliston	P.U.C.	International Water Supply Ltd.	July 30	5					T 12-59	Sand silt wood 12;blue clay 28;gravel 30;hard clay gravel 57; silt 72;clay gravel 102;silt 105;clay 122;hardpan 125;clay 140;silt fine sand 167;clay gravel boulders 196;clay boulders hardpan 222;clay gravel 232;clay gravel boulders 239;rock. Sandy clay 11;hard blue clay 126;clay gravel 139; silt 144;clay gravel 160;clay 216;silt 223;fine sand silt 265; silty clay 280;clay 294;clay boulders 324;rock. Sandy clay 4;sand 8;blue clay 150;sandy clay 176;clay gravel boulder 213;silt 223;sand silt 238;silt sand clay 273;clay gravel 277;clay 281;hard clay 300. Water at 213. Topsoil 1;clay boulders 50;silt streaks clay 170;medium sand 180. Water at 180.
Alliston	"	"	Aug. 10	2	24	75	65	Fresh	T 13-59	
Alliston	"	"	Aug. 21	2	26	68	67		T 14-59	
Alliston	Alliston Creamery	D.S. Longreed	Nov. 25	7	200	120	2	Fresh	In	
Barrie	P.U.C.Barrie	International Water Supply Ltd.	Apr. 1	5					T	Topsoil 1;sandy clay 6;silty sand gravel boulders 32;hard blue clay 35;silty sand gravel boulders 39;hard blue clay boulders 79;silty clay boulders 221;silty-clay boulders 213; hard blue clay boulders 327;clay gravel boulders 339. Water at 307. Topsoil 1;sandy clay boulders 8;hard brown clay 26;blue clay boulders 48;tight sand silt boulders 82;tight sand silt gravel boulders 107;hard blue clay 162;clay gravel boulders 242;hard black clay boulders 285. Water from 82 to 107. Black muck 3;silty sand boulders 55;hard blue clay boulders 91;blue clay boulders 165;hard blue clay 185;blue clay hard streaks 293. Silty sand 13;gravel 18;clay gravel boulders 218;sandy clay gravel boulders 278;hard blue clay 307;hard blue clay gravel boulders 324. Silty sand 31;blue clay 48;sandy clay 55;silty sand gravel 61;gravel sand 86;blue clay 95;silt sand clay 130;silt sand gravel sand 86;blue clay 95;silt sand clay 130;silt sand gravel clay boulders 141;gravel 163;hard clay gravel boulders 165;blue clay 167;gravel sand clay 189;clay gravel 242. Water at 55.
Barrie	"	"	Apr. 10	5					T	
Barrie	"	"	May 7	5					T	
Barrie	"	"	May 15	5					T	
Barrie	"	"	July 6	2	43	11	10	Fresh	T	
Bradford	Vlg.Bradford	C.E. Snider	July 9	4	84		11½	Fresh	P	Topsoil 1;brown sand boulders 12;grey sand stones clay 45; blue clay 85;sand gravel clay 180;hardpan 200;clay 225;clay silt 255;fine sand 260;medium sand 270;medium sand fine gravel 280;sand clay 285;hardpan 340;coarse gravel sand 345; brown limestone 350. Water at 340.
Cookstown	P.U.C.	International Water Supply Ltd.	May 20	5	10	26	Flows	Fresh	T 1-59	Topsoil 1;grey clay 14;soft grey clay streaks gravel 23;clay gravel boulders 29;fine sand 34;clay gravel streaks 60;clay gravel 75;clay harder gravel hardpan gravel streaks 80;clay 89;fine sand 91;clay 92;gravel 93;clay 97;clay boulders 101; hard clay 105;fine sand streaks clay 111; clay boulders 113; clay 130;soft sandy clay 139;clay 206;silt sand 212;clay gravel boulder silty clay 272. Water from 206 to 212. Topsoil 1;brown clay gravel 2;soft blue clay 14;clay 17;fine sand 42;clay silt 45. Water from 17 to 42.
Cookstown	Vlg.Cookstown	"	June 12	2			1	"	T 7-59	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- LING TEST	PUMP- LING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY - cont. Cookstown - cont.										
Cookstown	Vlg. Cookstown	International Water Supply	June 16	2			Flows	Fresh	T 8-59	Topsoil 1; brown clay gravel boulders 9; blue clay gravel boulders 26; fine sand 40; coarse sand fine sand 44; clay fine sand silt 50; silt streaks clay 58; soft silty clay 80; gravel 82; soft silty clay 86; clay gravel 91. Water from 26 to 44.
Cookstown	"	"	June 19	2	23	9	7	"	T 9-59	Topsoil 1; brown clay gravel 9; blue clay gravel 12; soft silty clay 15; clay gravel 17; sand 43; clay gravel 45; silt 47; clay gravel 51; Water from 17 to 43.
Collingwood Collingwood Collingwood	J. Expo B. McPherson E. Moore	R. Nimmo " "	July 25 Aug. 4 Sept. 5	4 4 4	4 4 4	2 2 2	2 3 2	Fresh " "	D D D	Gravel clay 2; limestone 24. Water at 10. Fine sand 6; limestone 25. Water at 15. Sand 4; clay 9; grey limestone 28. Water at 12.
Elmwale	P.U.C.	International Water Supply	July 28	2	37	18	15	"	T	Topsoil 1; brown clay 4; sand 8; brown clay 12; sand silt clay 55; clay sand silt 58; silt sand gravel clay 113; fine gravel sand silt 14; gravel sand 15; sand silt 16; gravel sand 169; gravel silt sand 177. Water from 98 to 177.
Essex Twp. Con V Con VI Con VI	A. Lokatos C. Campbell J.A. Cole	A. Hammers M. Coupland A. Hammers	Apr. 13 Jan. 14 Jan. 14	6 4 6	50 10 14	85 42 65	32 36 36	Fresh " "	D D,S D	Topsoil 1; sand 15; blue clay 178; gravel 182. Water at 182. Clay fine sand 68; medium fine sand 75. Water at 78. Dug well 20; fine sand 29; blue clay 97; medium sand 102. Water at 102.
Con VIII Con X	F. McVaneil A. Glass	M. Coupland Baluk Well Boring	Sept. 12 Dec. 1	4 30	6 11	65 12	40 12	" "	D D	Clay limestones clay 97; coarse gravel 98. Water at 98. Brown sandy clay boulders 24. Water at 24.
Con XI	S.S.# 5	"	June 29	30			5	"	P	Brown clay 10; blue sandy clay 62. Water at 60.
Con XI	C. Kirby	"	Nov. 30	30	1		5	"	S	Brown clay 12; sandy blue clay 42. Water at 40.
Con XI	N. Coxworth	"	Mar. 28	30			36	"	D	Brown sandy clay 43. Water at 43.
Con XI	E. Shellwell	M. Coupland	June 26	4	10	63	45	"	D	Topsoil 1; stony hardpan 80; gravel 83. Water at 83.
Con XI	G. Barlow	"	July 16	4	7	40	28	"	D	Topsoil 2; clay 18; medium gravel 37; clay 50; fine gravel 52. Water at 52.
Con XI	N. Eras	"	Aug. 22	4	7	40	28	"	D	Topsoil 2; clay 17; medium gravel 39; clay 48; fine gravel 51. Water at 51.
Flos Twp. Con I Con I	C.L. Miller R. Sage	D. Loughneel L. Howell	June 5 Dec. 31	6 4	10 6	110 100	65 90	Fresh "	P D	Pit 5; brown sand 80; sand 110; medium brown sand 114. Water from 110 to 114. Topsoil 2; blue clay 185; blue clay sand 241; medium white sand 253. Water from 241 to 253.
Con IV	W. Cummings	G. Vollick	Sept. 3	2		20	2	"	D	Clay 30; quicksand 95; sand 98. Water at 98.
Con VI	W. Pytner	A. Hammers	Oct. 1	6	8	147	32	"	D	Topsoil 1; brown clay 13; blue clay 173; sand 177. Water at 177.
Con VI	L. Arcer	F. Wright & Son	Aug. 6	4	3	74	68	"	D,S	Topsoil 2; brown clay boulders 36; blue clay sand 142. Water at 142. Sand boulders 119; quicksand 130; medium sand 142. Water at 142.
Con IX	Tastee Freez Restaurant	C. Goodberry Well Drilling Ltd.	July 29	7	15	267½	92½	Sulphur	N	Sand 2; clay 86; hardpan 113; clay 130; sand 145; clay 216; quicksand 221; hardpan 226; quicksand gravel 233; fine gravel 283; gravel 259; hardpan 268; gravel 270; hardpan 327; limestone 367. Water at 360.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SINCE COUNTY - cont. Innisfil Twp. - cont. Loc 12	D. Cambell	Ont. Well Digging Co.	Dec. 1	30	1			Fresh	D, S	Sandy blue clay 65. Water at 65.
" 15	K. Robertson	A. Cameron	Oct. 2	2	5	40	35	"	D	Coarse sand 50. Water from 45 to 50.
" 15	J. Owens	H. Hammers	Oct. 7	2	5	40	35	"	D	Coarse sand 50. Water from 45 to 50.
" 24	P. Johnson	H. Hammers	Apr. 21	6	13	45	33	"	D	Topsoil 11; brown clay 9; sand gravel 20; blue clay 42; sand 52. Water at 52.
" 14	M. Porter	Ont. Well Digging Co.	Aug. 26	30	1 1/2		10	"	D	Stones blue clay 30. Water at 30.
" 26	B. Warnica	H. Hammers	Oct. 15	6	8	70	38	"	D	Dug well 19; blue clay 70; sand 73; gravel 74. Water at 74.
" 29	H.A. Bulik	F.R. Roadway & Son	May 18	4	8	52	0	"	"	Drilled 146; fine sand silt layers 156; hardpan 160; silt clay layers 172; coarse sand gravel 182. Water at 182.
" 7	Ont. Dept. of Highways	King City Well Drilling Co. Ltd.	Sept. 14	4	32	25	0	"	T	Topsoil 2; yellow fine sand 45; coarse sand 48; medium sand 51 fine sand 55. Water at 48.
" 7	"	"	Sept. 23	4	10	105	85	"	1-59	Topsoil 2; yellow sand clay stones 95; brown sand 100; yellow fine sand 104; yellow medium sand 110; fine sand 111. Water at 100.
" 7	"	"	Oct. 5	4	40	140	60	"	2-59	Topsoil 2; yellow sand clay 110; fine sand 115; coarse sand 125; fine sand 132; medium sand 138; coarse sand 143. Water at 125.
" 14	G. Jamieson	H. Hammers	Jan. 15	6	5	43	24	"	3-59	Dug well 28; brown clay 34; blue clay 48; sand gravel 58. Water at 58.
" 19	G. Birch	M. Coupland	May 7	6	5	90	30	"	D	Fine sand 11; hard clay 65; quicksand 70; layers quicksand clay 100; fine sand 110. Water at 110.
" 21	D.M. Fairchild	H. Hammers	Feb. 6	5	5	170	21	"	D	Dug well 28; sand brown clay 102; blue clay 133; fine grey sand 159; blue clay 213; medium sand 218. Water from 213 to 218.
" 25	C. Reeves	F.R. Roadway & Son	Oct. 23	5	9	68	57	"	D, S	Sandy clay 23; gravel clay 36; blue clay 90; black sand 102. Water at 102.
" 26	L. Nelson	M. Coupland	May 13	4	5	55	33	"	D	Sandy soil 10; gravelly hardpan 61; coarse sand 67. Water at 61.
" 26	A. Worthington	H. Hammers	June 1	5	14	60	50	"	D	Dug well 50; sand 66 1/2. Water at 66 1/2.
" 30	M. Porter	M. Coupland	Sept. 3	4	10	20	2	"	P	Hardpan clay 166; medium coarse gravel 168. Water at 168.
" 31	E.J. Hughes	"	May 9	4	10	1	1	"	D	Hardpan 130; coarse gravel 131. Water at 130.
" 4	S. Hodge	"	Feb. 6	4	12	54	34	"	D	Dug well 23; hardpan stone 83; gravel 90; clay 94; coarse gravel 98. Water at 98.
" 5	P.U.C. Barrie	International Water Supply Ltd.	July 13	2	25	24	12	"	T	Silt sand 1; black loam 2; silt sand boulders 15; blue clay 29; silt clay 65; silt sand clay 109; blue clay 116; silt clay sand 181; sand silt clay 194; hard clay boulders 197; silt sand 20; hard sand silt clay gravel streaks 210; gravel sand 21; blue clay 235. Water at 65.
" 5	"	"	July 20	5				"	T	Topsoil 1; silt sand gravel boulders 13; blue clay silty sand 85; silt sand clay gravel 106; blue clay 119; silt clay sand 142; clay silt sand gravel 194; gravel sand silt boulders clay 198; hard clay gravel boulders 21; gravel white marrow sand 230; clay gravel 253.
" 8	B. Maltarp	H. Hammers	Sept. 23	4	6	75	62	"	D	Dug well 66; fine sand 91; blue clay 180. Water at 79.
" 10	Superior Propane Gas	M. Coupland	June 24	4	7	45	23	"	D	Coarse sand fill 7; sand gravel 3; soft white clay 66; hard clay stone 84; fine sand silt 10; fine sand 108. Water at 101.
" 11	Todd & Bowness Dev. Co. Ltd.	"	Mar. 18	4	1	125	47	"	D	Brown clay 18; boulders clay 28; gravel clay 74; clay 90; quicksand layers clay 210; sand Gravel 215. Water at 215.
" 11	"	International Water Supply Ltd.	May 5	5				"	T	Topsoil 1; silty sand gravel boulders 13; blue clay 115; sandy clay 112; sandy clay gravel 267; blue clay gravel sandy clay 317; hard blue clay gravel boulders 331; limestone. Water at 180.
" 12	A.B. Cohoe	M. Coupland	Jan. 16	4	10	23	5	"	D	Topsoil 10; gravel 42; hardpan 53; quicksand 170; coarse sand 181. Water at 180.
" 12	Todd & Bowness Dev. Co. Ltd.	International Water Supply Ltd.	May 21	5				"	T	Topsoil 1; silty sand 8; hard sand gravel boulders 34; boulders 36.



Hodd & Bowness Dev. Co. Ltd.		International Water Supply Ltd		May 28						T			
Con XIV	" 29	O.G.H. Jurtchats	P. Spatuck	Oct. 17	5	12	30	18	Fresh	D			Topsoil 1; silty sand 8; hard sand gravel boulders 36; clay gravel boulders 83; blue clay gravel boulders 153; soft blue 195; hard blue clay 216; blue clay 281; sandy clay 311; hard blue clay gravel 334; blue clay gravel boulders 34; limestone.
Con XIV	" 29	A. Hicke	"	Oct. 20	5	14	18	12	"	D			Brown sand clay 8; sandy clay 37; hardpan 51; sand 62. Water at 51.
Con XIV	" 29	D. Brooks	H. Hammers	Sept. 30	6	16	95	7	"	D			Black loam 2; yellow clay 24; sand 46. Water from 24 to 46. Topsoil 1; sand 15; blue clay 22; brown clay sand 95; sand 112. Water at 112.
Con XIV	" 31	M. Metcalfe	P. Spatuck	Oct. 26	5	15	33	18	"	D			Black loam 2; boulders 5; hardpan 30; brown sand 42; sandstone 47; sand 55. Water at 55.
Medonte Twp. Con III	" 65	R.F. Pell	G. Vollick	July 22	2	4	22	1	Fresh	D			Fine sand 40; clay 60. Water at 60.
	" 7	E. Richardson	M. Coupland	Nov. 21	6	10	225	220	"	D			Brown clay 12; boulders 3; fine gravel 73; brown clay 152; quicksand 172; clay layers sand 192; hardpan 210; blue clay 232; hardpan boulders 263; stony gravel 285. Water at 256. Brown clay stone 63. Water at 63.
Con XIII	" 3	H. Renkema	W.H. Baldwin & Sons	Dec. 1	6	20	63	35	"	D, S			Brown clay stones 33; limestone 125. Water at 120.
Con XIV	" 13	J. Rankin	L. Howell	July 10	4	33 1/2	120	30	"	D			
Nottawasaga Twp. Con I	lot 25	E. Qubitt	F. Wright & Son	Nov. 10	4	3	37	37	Fresh	D			Topsoil 2; clay stones 13; sand 42; sand clay 58; sand 71. Water at 71.
Con I	" 33	V. Girdawskis	"	June 16	2	1	19	8	"	D			Sand 8; gravel stones 12; sand 19; sandy clay 23; blue clay 32; hard clay stones 44; hardpan 51; fine sand 62. Water at 62.
Con I	" 34	A. Boyd	"	June 24	2	4	12 1/2	2 1/2	"	D			Sand 4; gravel clay stones 19; blue clay 44; hard clay stones 49; sand 61. Water at 61.
Con I	" 34	G. Storms	"	June 26	2	3	8	1	"	D			Sand 14; hard clay stones 17; blue clay 38; hard clay 43; hard clay stones 63; clay 68; sand 79 1/2. Water at 79 1/2.
Con I	" 34	J.T. Coburn	Abercrombie & Jackson	June 27	4	6	6	6	"	D			Fine sand 10; coarse sand 100. Water from 50 to 100.
Con I	" 34	J. Dobbie	R. Nimmo	July 1	4	4	30	4	"	D			Sand 20; grey clay 45; sand clay 70; medium sand 80. Water at 71.
Con I	" 34	P. Ramsezer	"	July 8	4	4	20	4	"	D			Fine sand 15; grey clay 27; fine sand 32; grey clay 64; coarse sand 74. Water at 64.
Con II	" 2	D. McLaren	F. Wright & Son	Nov. 1	4	3	30 1/2	22	"	D			Dug well 4; brown clay stones 36; clay gravel 47; quicksand 68; medium sand 89. Water at 89.
Con II	" 13	J. Qubitt	"	Sept. 23	4				"	N			Topsoil 1; brown clay 16; clay s'ones 83; hardpan 92; brown clay sand stones 155; blue clay muck sand.
Con II	" 34	P.J. Chevrens	"	June 11	2	2	12	2	"	D			Sand 3; clay stones 12; clay boulders 19; blue clay sand hardpan 68; hard clay stones 74; medium sand 86. Water at 86.
Con II	" 34	J. Meadowcroft	"	June 22	2	2	21	5	"	D			Sand 7; sand clay large stones 24; blue clay stones 63; hardpan 72; medium fine sand 83 1/2. Water at 83 1/2.
Con II	" 34	J. Parker	R. Nimmo	July 10	2	4	2	2	"	D			Coarse gravel 10; grey clay 20; sand clay 33; coarse sand 51 1/2; Water from 33 to 51.
Con II	" 34	G.A. Blissett	"	July 15	2	4	6	3	"	D			Fine sand 10; grey clay boulders 3; coarse sand 34; coarse gravel 36 1/2. Water from 34 to 36.
Con II	" 34	L. Williams	"	July 17	2	4	2	2	"	D			Coarse gravel 10; grey clay 20; sand clay 33; coarse sand 53.
Con II	" 34	M.J. Ryan	"	July 22	2	4	7 1/2	6 1/2	"	D			Water from 33 to 53.
Con II	" 34	E. Blackmere	P. Wright & Son	Oct. 21	4	3	19	8	"	D			Dug well 10; grey clay 36 1/2; coarse sand 44 1/2. Water from 36 1/2 to 44 1/2.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY - cont. Nottawasaga Twp. -cont. Con III lot 4	D.C. Carruthers	F. Wright & Son	Sept. 17	4	3	21	14	Fresh	D	Dug well 13; soft blue clay 16; sand clay 34; clay boulders 41; medium fine sand 53. Water at 53.
Con III " 31	G. Synott	"	May 12	4	3	44	38	"	D.S	Topsoil 1; brown clay boulders 38; brown clay hardpan 64; blue clay sand 82; white clay stones 88; bedrock dark limestone 99. Water at 99.
Con III " 34	A. Robertson	Abercrombie & Jackson	June 15	4	1	140	5	"	D	Sand 5; quicksand 78; shale 150. Water from 5 to 78.
Con III " 34	J. Melzer	F. Wright & Son	June 30	4	2	40	9	"	D	Sand 6; sandy clay large stones 10; blue clay quicksand 28; clay 46; fine sand 57. Water at 57.
Con III " 34	W. Bedley	Abercrombie & Jackson	July 3	4	3	7	7	"	D	Sand 5; quicksand 75; sand 80. Water from 75 to 80.
Con III " 34	H. Martin	F. Wright & Son	July 30	4	3	19	12	"	D	Brown clay large stones 19; clay sand 54; hardpan stones 58; medium sand 70. Water at 70.
Con III " 34	R.C. Best	M. Counland	Sept. 28	4	6	20	6	"	D	Stones hardpan 42; gravel 70; coarse gravel 72. Water at 72.
Con III " 34	A. Robertson	Abercrombie & Jackson	Dec. 12	4	3	30	10	"	D	Sand 5; quicksand 75; sand 78. Water from 75 to 78.
Con III " 34	G. Kirkby	C. Bartley	Dec. 14	4	4	8	5	"	D	Fine sand 20; sand blue clay 30; coarse sand gravel 55.
Con IV " 29	A. Plater	F. Wright & Son	Oct. 1	4	3	20	9	"	D	Topsoil 1; clay boulders 38; blue clay 48; sand 58; hardpan 72; dark shale 78; rock 79. Water at 79.
Con IV " 35	R. Wilson	"	Sept. 4	4	4	31	27	"	D	Topsoil 1; clay sand boulders 33; dark limestone 45. Water at 45.
Con IV " 37	P. Hanc	E. Nimmo	July 31	4	4	3	3	Sulphur	D	Sand gravel 10; grey shale 13; limestone 21. Water from 14 to 21.
Con IV " 37	W. Walsh	"	Aug. 8	4	2	12	6	Fresh	D	Sand gravel 12; grey shale 15; limestone 36. Water from 15 to 36.
Con V " 28	N.D. McDougall	F. Wright & Son	Oct. 7	4	3	28	13	"	S	Topsoil 1; clay stones 34; clay sand 47; sand 52; hardpan 54; sand 66. Water at 66.
Con V " 37	I. Durband	"	Sept. 7	4	3	44	8	Gas	D	Clay stones 4; dark limestone 44. Water at 44.
Con V " 38	Miss Kerr	R. Nimmo	May 29	4	2	20	3	Fresh	D	Black loam gravel 1; grey clay 24; limestone. Water at 6.
Con V " 38	A. Mathieson	Abercrombie & Jackson	July 8	4	4			Gas	D	Gravel 6; shale 70. Dry hole.
Con V " 38	"	"	July 16	4						
Con V " 38	F. Garner	F. Wright & Son	Oct. 17	4	2	14	3	Fresh	D	Gravel 6; shale 70. Dry hole.
Con VI " 39	K. Hanninen	R. Nimmo	May 7	4	4			Gas	N	Topsoil 1; clay stones 6; dark limestone 28. Water at 28.
Con VI " 39	W. McKenny	"	May 8	4	4	7	5	Fresh	D	Sand 1; shale 8; grey clay 10; shale 16; grey clay 18; limestone 22.
Con VI " 40	J.A. Shaw	"	Apr. 23	4	30	24	10	"	D	Gravel fill 4; brown clay 8; shale 12; dark limestone 17.
Con IX " 6	G.P. Sladen	M.S. Bellerby	July 12	8	5		Flows	"	D	Water at 13.
Con IX " 11	C.B. Arnold	"	Aug. 12	4	8	70	66	"	D.S	Dark gravelly soil 6; dark grey limestone 30. Water at 28.
Con X " 11	M. Tymchuk	O.R. Bellerby	Aug. 8	5	1	125	27	"	D.S	Dug well 74; clay boulders 30; gravel 32; red clay stones 200. Water at 30.
Con X " 38	M. Melstes	R. Nimmo	Oct. 10	4	3	53	10	"	D	Sand muck 35; hardpan 90; red blue shale 142. Water at 135.
Con X " 40	Smart Bros. Ltd.	"	Aug. 31	4	4	60	25	"	D	Boulders red clay 27; grey limestone 70; red shale 72; blue shale 144. Water from 60 to 70.
Con XI " 3	Boy Scout Camp	Abercrombie & Jackson	June 1	4	4			"	D	Clay stone fill 6; hardpan 38; sand grey clay 20; hard grey clay 28; gravel grey clay 38; hardpan 41; soft grey clay 73; coarse sand 75. Water at 75.
Con XII " 13	K. Wilson	O.R. Bellerby	July 24	4	8	15	12	Fresh	D.S	Sand 4; sand grey clay 19; hard brown clay 69; grey limestone 70; black rock 72; grey limestone 79. Water at 77.
										Loam 4; sand gravel 24; stony clay hardpan 44; red shale red clay 300. Dry hole.
										Boulders clay 59; gravel shale 63. Water from 59 to 63.

Orillia Orillia Orillia	J. McKimara L. Hockley H. Harris	W. Sanderson F.R. Bowdway & Son Northern Sanit- ation Co.	Apr. 3 Apr. 9 July 30	6 5 4	40 15 1	18 12 26	4 5 8	Fresh " " "	D D D	Clay boulders 15; limestone 28. Water at 28. Dug well 23; hardpan 32; sand gravel 34; hardpan 38. Water at 38. Black loam 2; grey clay boulders 30; fine gravel 32. Water at 32.
Orillia Twp. ND Con IX ND Con IX ND Con X ND Con X ND Con XII ND Con XII ND Con XII ND Con XII ND Con XIV SD Con I	A. Thomson W. Bear J. Anderson N. Ross P. Halstead H. Patroon W. Metz P. Hertz Ont. Dept. of Lands & Forests	F.C. Hammond W.J. Kimberley W.H. Baldwin & Son F.C. Hammond " " " " W.J. Kimberley H. Hammers	Aug. 26 Sept. 25 July 18 July 18 May 13 May 23 May 14 July 11 May 30	5 6 6 5 5 5 5 6 6 6	13 25 10 10 17 3 17 2 20 20	22 4 40 20 31 14 8 0 43 210	9 1 20 22 4 8 11 130	Fresh " " " " Sulphur Fresh " " " " " " " " " "	D, S D D D D D D D D D	Hardpan 31. Water at 31. Brown clay 15; blue clay 40; limestone 43. Water at 43. Topsoil 1; brown clay stone 40; limestone 48. Water at 48. Sand hardpan 30; sandy gravel 40. Water at 35. Limestone 35. Water at 32. Soil 8; limestone 20. Water at 20. Clay loam 2; sand 5; limestone 29. Water at 28. Brown clay 6; grey granite 43. Water at 43. Topsoil 1; sand gravel brown clay 110; fine sand 150; blue clay 238; coarse sand gravel 245. Water at 245. Dug well 19; sand gravel 55. Water at 55. Dug well 30; quicksand 55; coarse sand 73. Water at 73. Brown clay 35; hardpan 50; blue clay 80; coarse sand 83. Water at 83. Wood 16; hardpan 40; gravel 41. Water at 40. Clay gravel 24; sand 46; hardpan 61; limestone 70. Water at 67. Topsoil 1; brown clay gravel 40; brown clay 76; white limestone 122; blue limestone 129; brown limestone 153; light blue limestone 175; red limestone 185; red black granite 190. Water at 190. Topsoil 1; brown clay boulders 51; blue clay 93; sand gravel 95; grey limestone 134; blue limestone 150. Water at 95. Dug well 2; brown clay 17; sand 17; hardpan 45; gravel 46. Water at 46.
SD Con VII SD Con VII SD Con VII	" " J. Callon	" " " "	Aug. 13 Oct. 20	5 6	1 4	143 44	45 13	Fresh " "	D D	Topsoil 1; brown clay 26; blue clay fine sand 63. Dry hole. Topsoil 1; brown clay 26; blue clay sand 63; blue clay 96; gravel 98. Water at 98. Clay boulders 65; clay 190; silt 233; sand gravel 241. Water at 241. Topsoil 1; brown clay 12; blue clay 74; coarse sand 75. Water at 75. Topsoil 5; hardpan 15; hardpan sand layers 36; sand clay layers 60; fine gravel 63. Water at 60. Sand blue clay 45. Water at 15. Topsoil 2; hardpan 61; layers fine sand hardpan 93; stony hardpan 95; coarse sand 96. Water at 96. Topsoil 2; hardpan 63; sand clay layers 72; medium coarse gravel 75. Water at 75. Topsoil 5; hardpan 15; hardpan sand layers 36; sand clay 51; fine gravel 53. Water at 52. Topsoil 2; hardpan 50; fine gravel 54. Water at 54. Fill 14; clay stones 100; hardpan 130; fine gravel 131. Water at 131. Topsoil stones 7; blue clay boulders 38; blue clay 46; sand gravel 47. Water at 47.
Oro Twp. Con I Con I Con I Con II Con II Con II Con III Con III Con III Con III Con IV	C. Sutton T.M. Holden C.R. Wass E. Watson I. Clark R. Hubbert R. Hocking M. Woods A. Bowman W. Friswick K.M. Treadwell	H. Hammers D.S. Loughheed H. Hammers M. Coupland Ont. Well Digging Co. M. Coupland " " " " " " " "	July 21 July 24 Sept. 14 June 9 June 17 Aug. 30 May 22 May 29 June 19 Sept. 8 Dec. 10 July 4	6 6 4 6 4 30 4 4 4 4 4 6	30 15 10 10 1 5 10 10 7 10 10 10	65 9 73 38 30 64 42 38 43 65 45	43 79 25 27 15 57 30 27 34 40 3	Fresh "	D D D D D D, S D D D D D D	Topsoil 1; brown clay 26; blue clay fine sand 63. Dry hole. Topsoil 1; brown clay 26; blue clay sand 63; blue clay 96; gravel 98. Water at 98. Clay boulders 65; clay 190; silt 233; sand gravel 241. Water at 241. Topsoil 1; brown clay 12; blue clay 74; coarse sand 75. Water at 75. Topsoil 5; hardpan 15; hardpan sand layers 36; sand clay layers 60; fine gravel 63. Water at 60. Sand blue clay 45. Water at 15. Topsoil 2; hardpan 61; layers fine sand hardpan 93; stony hardpan 95; coarse sand 96. Water at 96. Topsoil 2; hardpan 63; sand clay layers 72; medium coarse gravel 75. Water at 75. Topsoil 5; hardpan 15; hardpan sand layers 36; sand clay 51; fine gravel 53. Water at 52. Topsoil 2; hardpan 50; fine gravel 54. Water at 54. Fill 14; clay stones 100; hardpan 130; fine gravel 131. Water at 131. Topsoil stones 7; blue clay boulders 38; blue clay 46; sand gravel 47. Water at 47.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
SIMCOE COUNTY - cont. Oro Twp. - cont.											
Con VI lot 28	E. Kankainen	D.S. Loughheed	Nov. 19	4	8		Flows	Fresh	In	Gravel boulders 60; clay grey clay 119; gravel 120. Water at 120.	
Con VIII " 26	Barillia Park	W. Sanderson	June 12	6	20	40	8	"	P	Topsoil 2; clay stones 40; sandy gravel 50. Water at 50.	
Con IX " 26	O. Rissmaa	H. Hammers	July 14	6	4	160	Flows	"	D	Topsoil 1; brown clay boulders 25; blue clay boulders 150; blue clay 179; sand 180. Water at 180.	
Con X " 14	W.F. Crawford	W. Sanderson	June 13	6	50	30	6	"	D	Dug well 22; blue clay 56; gravel 57. Water at 57.	
Con XII " 22	V. Bell	"	June 22	6	60	24	60	"	D	Topsoil 2; clay stones 13; gravel 135. Water at 135.	
Con XIII " 17	E. Horne	H. Hammers	June 30	6	7½	78	57	"	D	Topsoil 1; brown clay 8; blue clay boulders 16; blue clay 72; sand 87. Water at 87.	
Con XIV " 21	J. Mawdsley	W. Sanderson	Dec. 17	6	10	100	20	"	D	Topsoil 2; clay boulders 87. 125; sandy gravel 129. Water at 129.	
PRE Con I " 1	M. Thomas	H. Hammers	June 5	6	10	140	105	"	D	Dug well 12; blue clay 130; sand 145. Water at 145.	
PRE Con I " 1	J. Fleeton	"	July 18	6	6	28	17	"	D	Topsoil 1; sand 30. Water at 30.	
PRE Con I " 16	N.S. Tuck	"	Aug. 18	5				"	D	Old drilled well 160; blue clay 275. Dry hole.	
PRE Con I " 16	"	"	Sept. 11	5	10	360	57	Fresh	D	Topsoil 1; brown clay 18; gravel 183; blue clay 220; sandstone hard cemented sand 410; blue clay 414; grey limestone 426. Water at 426.	
Stayner	P.U.C.	International Water Supply Ltd.	Feb. 16	2	5	41	24	Fresh	T	Topsoil 1; silty clay sand boulders 24; silty clay gravel boulders 29; clay gravel boulders 124; sandy gravel silt boulders 137; rock 136. Water at 124.	
Stayner	"	"	Feb. 24	3				"	T	Topsoil 1; silty sand 15; brown hard clay 18; clay gravel boulders 110; blue clay boulders 161; clay gravel boulders 173; rock 174.	
Stayner	"	"	Feb. 27	5				"	T	Topsoil 1; silty sand 3; blue clay boulders 21; silty sandy clay 191; blue shale 192.	
Stayner	"	"	Mar. 6	2	30	28	27	Fresh	3-59	Topsoil 1; sandy clay 5; soft blue clay 34; sand silt 75; sandy gravel silt boulders 91; coarse gravel boulders 125.	
Stayner	"	"	Mar. 17	2	24	31	27	"	4-59	Water from 34 to 125.	
Stayner	"	"						"	T	Topsoil 1; sandy clay 6; brown clay 10; blue clay 33; silty sand 75; fine gravel boulders 91; silt coarse gravel 105. Water from 33 to 105.	
Sunnisdale Twp. lot 6	M. Ivits	F. Wright & Son	Aug. 28	4	3	29	27	Fresh	D, S	Topsoil 2; sand 18; sand clay 47; black clay sand stones 106; sand layers hard clay stones 135; medium sand 149. Water at 149.	
Con XIII " 9	F. MacFarlane	"	Sept. 26	4	4	57	55	"	D	Topsoil 1; brown clay 6; brown clay sand 29; medium sand 48; harpan 53; blue clay stones 72; sand 89. Water at 89.	
Con XVII Block A	J. Stafford	"	May 4	2	36	16	12	"	D	Sand 7; clay sand stones 18; blue clay 62; harpan 64; sand 72. Water at 72.	
Con XVII " A	R. Young	R. Nimmo	June 2	4	4	20	3	"	D	Sand 8; grey clay 58; harpan 61; coarse sand 68. Water at 61.	
Con XVI " A	N.R. Jones	F. Wright & Son	June 7	2	4	11	7	"	D	Sand 14; sand clay stones 19; sandy clay 26; blue clay 74; harpan stones 76; fine sand 89. Water at 89.	
Con XVII " A	R.F. Carter	R. Nimmo	June 8	2	2	30	4	"	D	Sand 20; grey clay 74; medium sand 86½. Water at 74.	
Con XVI " A	E.E. Robinson	F. Wright & Son	July 8	2	3	9½	7½	"	D	Sand 7; clay sand stones 23; blue clay 56; hard clay stones 61; coarse sand 73. Water at 73.	
Con XVI " A	M. Koproksi	"	July 13	2	3	11	8	"	D	Sand 8; clay sand 29; boulders blue clay 48; harpan 51; sand 63. Water at 63.	
Con XVI " A	H.S. Hunter	"	Aug. 21	4	3	12	8	"	D	Sand 12; clay sand stones 28; blue clay 77; hard clay stones 84; harpan fine sand clay gravel 91. Water at 91.	
Con XVI lot 4	F. Sousie	R. Nimmo	July 28	4	4	18	8	"	P	Sand 15; grey clay 80; medium sand 88. Water at 80.	

H. VanBeek	P. Wright & Son	Apr. 21	4				N	
lot 10								
SRE	W. McQuay	Oct. 29	6	25	160	35	Fresh	D
SRE	W. Pellett	Nov. 22	6					
SRE	"	Nov. 27	6	175	98		Fresh	D
SRW	P. Smith	Sept. 24	4	3	65	32	"	D
SRW	G.T. Rogers	Dec. 1	6	30	75	51	"	D
Twp. Twp.								
Con II	L. Deshome	July 29	4	6½	82	80	Fresh	D
Con XI	Ont. Hydro Electric Comm.	Oct. 1	6	25	50	27	"	In
Tecumseh Twp.								
Con I	P. Prothero	July 20	4	10	50	44	Fresh	D
Con I	N. Storry	Feb. 28	30	4	20	19	"	D
Con I	E. Cragg	Mar. 12	30	1½	35	30	"	D
Con I	W. Watson	Oct. 1	30	3	10	10	"	D,S
Con I	H.N. Brendon	May 15	4	24		Flows	"	D,S
Con I	R. Lennard	Aug. 18	34	4		20	"	D
Con II	G. VanNekirk	Jan. 20	4	10	45	30	"	D,S
Con II	M. Duggan	Oct. 24	30	2	10		"	D,S
Con III	A.E. Botham	Oct. 24	7	4	155	140	"	D,S
Con IV	G. Maher	Aug. 21	4					
Con IV	"	Sept. 11	7	10	74	5	Fresh	D,S
Con IV	W. Madill	Jan. 10	36	2		30	"	D
Con V	J. Robinson	Jan. 2	36	3		15	"	S
Con VII	R. Sutherland	Feb. 6	4	1½	20	18	"	D,S
Con VIII	K. McDonald	Nov. 12	5					
Con VIII	"	Nov. 21	5	2		Flows	Fresh	D,S
Con X	A. Leeson	July 1	30			24½	"	D,S
Con X	M. Reiley	July 8	18			10	"	D

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
SIMCOE COUNTY - cont. Tecumseh Twp. - cont. Con XIII lot 1	Alliston P.U.C.	International Water Supply Ltd.	Apr. 30					Fresh	T 2-59	Brown clay 4; blue clay 9; blue clay sandy boulder 13; sandy blue clay boulders 27; fine sand 35; packed fine sand; fine gravel clay 69; blue clay sand 198; sandy blue clay gravel 201; sandy blue clay gravel hard packed 222; gravel 23; sandy fine sand muck 13; fine sand 21; boulders 23; sandy clay 48; blue clay 87; sandy blue clay fine gravel 102; sandy blue clay gravel 140; cemented sand gravel 163; blue clay gravel 172; water at 21 and from 102 to 158; Muck 10; fine sand 13; gravel fine sand 28; sandy blue clay 95; sandy blue clay 147; cemented sand gravel 157; streaks gravel 162; sandy blue clay 171; cemented sand gravel boulders 172. Water from 147 to 180.
Con XIII	"	"	May 5	2				"	T 3-59	Blue clay 4; blue clay 9; blue clay sandy boulder 13; sandy blue clay boulders 27; fine sand 35; packed fine sand; fine gravel clay 69; blue clay sand 198; sandy blue clay gravel 201; sandy blue clay gravel hard packed 222; gravel 23; sandy fine sand muck 13; fine sand 21; boulders 23; sandy clay 48; blue clay 87; sandy blue clay fine gravel 102; sandy blue clay gravel 140; cemented sand gravel 163; blue clay gravel 172; water at 21 and from 102 to 158; Muck 10; fine sand 13; gravel fine sand 28; sandy blue clay 95; sandy blue clay 147; cemented sand gravel 157; streaks gravel 162; sandy blue clay 171; cemented sand gravel boulders 172. Water from 147 to 180.
Con XIII	"	"	May 8	2				"	T 4-59	Blue clay 4; blue clay 9; blue clay sandy boulder 13; sandy blue clay boulders 27; fine sand 35; packed fine sand; fine gravel clay 69; blue clay sand 198; sandy blue clay gravel 201; sandy blue clay gravel hard packed 222; gravel 23; sandy fine sand muck 13; fine sand 21; boulders 23; sandy clay 48; blue clay 87; sandy blue clay fine gravel 102; sandy blue clay gravel 140; cemented sand gravel 163; blue clay gravel 172; water at 21 and from 102 to 158; Muck 10; fine sand 13; gravel fine sand 28; sandy blue clay 95; sandy blue clay 147; cemented sand gravel 157; streaks gravel 162; sandy blue clay 171; cemented sand gravel boulders 172. Water from 147 to 180.
Con XIV	K. Crow	D.S. Loughheed	June 30	7	15	16	0	"	D	Sandy soil 2; blue clay 11; sand 216; fine gravel sand 220. Water from 216 to 220.
Con XV	T. Powell	Babuik Well Boring	Aug. 11	28		20	20	"	D	Old well 21; sandy blue clay small stones 36. Water at 21.
Con XV	Vig. Cookstown	International Water Supply Ltd	May 27	5	10		Flows		T 2-59	Topsoil 3; silt boulders 6; silt clay boulder 12; soft clay boulder 24; clay gravel boulders 44; hard clay gravel 54; silt sand gravel 57; clay gravel 100; silty clay 104; clay 163; silty clay 183; hard clay gravel 185; gravel 188; clay gravel 195; clay boulders 205; clay gravel boulders 207; gravel 211; gravel 213; clay gravel boulders 232; hard clay gravel 251; harpoon 255. Water from 70 to 86.
Con XV	"	"	June 1	5					T 3-59	Topsoil 1; sandy brown clay 4; blue clay boulder 17; clay gravel boulders 25; silty clay 37; clay 55; clay gravel 84; clay gravel boulders 67; hard clay gravel 101; clay 158; soft silty clay 183; clay gravel 197; clay gravel boulder 200; soft clay 205; clay 208; gravel clay 212; gravel 215; gravel clay 218; hard clay 227. Water from 208 to 215.
Con XV	"	"	June 3	5					T 4-59	Topsoil 1; clay gravel 25; silty clay 43; silt 54; gravel 55; silt 58; clay gravel boulders 70; hard clay gravel 86; clay 119; softer clay 140; clay 154; silt sand 169; soft clay 171; silt sand 175; gravel 176; silt sand 178; clay gravel 185; clay gravel boulders 189; clay 208; silt sand 210; clay 213; gravel 216; fine sand 221; clay gravel 237. Water at 213.
Con XV	"	"	June 5	2	11	3	Flows	Fresh	T 5-59	Topsoil 1; brown clay gravel 3; sand 5; blue clay gravel boulder 40; silt 47; soft clay 60; sand 70; silt sand 77; clay gravel boulders 81. Water from 60 to 77.
Con XV	"	"	June 9	5					T 6-59	Topsoil 1; brown clay gravel 3; sand 5; blue clay gravel boulder 40; silt clay 44; silt 48; clay gravel boulders 50; clay 60; sand clay 70; silt clay 83; clay gravel 94; silt 97; clay 102; silt 104; clay 169; soft silty clay gravel 191; clay 199; clay gravel boulders 213; sand gravel 214; clay 216; sand 218; clay gravel boulders 235. Water from 213 to 218.
Tiny Twp. PRM Con I PRM Con I PRM Con I PRM Con I Con X	H. Wayne J. Johnson M. Curry G. Gignac	H. Hammers " " M. Coupland	June 27 Sept. 21 June 25 Dec. 24	6 6 6 4	20 30 30 6	60 55 45 45	35 40 33 26	" " " "	D D D D, S	Topsoil 1; sandy clay 50; coarse sand 65. Water at 65. Dug well 40; blue clay 54; coarse sand 59. Water at 59. Dug well 19; fine sand 23; brown clay 29; sand 44; gravel 49. Water at 49. Brown clay 9; clay boulders 56; fine gravel 64; coarse gravel 64.



## SIMCOE COUNTY - cont.

City	Twp.	Cont.	lot	5	June 18	6	15	95	79	Fresh	D
Con XIV	M. Sullivan	H. Hammers	lot 5		June 19	4	3	175	3	"	D
Con XVII	J. & K. Kinghorn	L. Howell	"	G	June 20	4	6	175	3	"	D
Con XIX	G. A. LaBine	"	"	15	Aug. 20	4			Flows	"	P
Toronto											
Con VI	M. McLaughlin	H. Horan	lot 1		June 29	18					T
Con VI	P. U. C.	International	"	1	July 22	5					9-95
Con VI	Alliston	Water Supply Ltd.	"								
Con VI	M. McLaughlin	D. S. Loughheed	"	1	Aug. 15	7	10	49	48	Fresh	S
Con VI	P. U. C.	"	"	1	Aug. 15	7	27	61	54	"	N
Con VI	J. Hephlin	"	"	1	Sept. 2	4	21	180	120	"	D, S
Con VII	Hope & Stearn	H. Hammers	"	10	May 27	6	11	280	170	"	C
Vespra Twp.											
Con III	W. Maw	H. Hammers	lot 18		Dec. 5	6	10	120	96	Fresh	D
Con IV	L. Doran	A. Cameron	"	4	June 2	2	7	44	Flows	"	S
Con IV	L. Bertram	"	"	11	Jan. 15	2	4	44	27	"	S
Con IV	C. Buckley	"	"	12	Aug. 18	2	6	36	40	"	D
Con IV	H. Brown	"	"	12	Aug. 22	2	6	36	27	"	D
Con IV	J. Doran	"	"	14	Aug. 28	2	3	31	36	"	D
Con IV	D. Dwinell	"	"	14	Nov. 8	2	7	30	20	"	D
Con IV	J. Rugman	"	"	14	Nov. 15	2	4	25	27	"	D
Con IV	R. Adams	D. S. Loughheed	"	18	Aug. 30	2	5	115	20	"	S
Con IV	I. Austin	M. Coupland	"	19	Jan. 29	7	10	79	33	"	S
Con V	E. Carson	A. Cameron	"	5	May 25	2	2	22	33	"	D
Con V	D. Boudry	"	"	11	Oct. 1	4	5	22	19	"	D
Con V	H. Paraghar	C. E. Brown	"	14	Sept. 20	4	5	35	30	"	D
Con V	Texaco Oil Co.	H. Hammers	"	21	Oct. 8	5	3 1/2	93	78	"	C
Con VI	H. Cooper	"	"	11	Jan. 27	6	7	45	23	"	D
Con VI	Spring Water Park	"	"	11	Feb. 9	6	25	15	Flows	"	D
Con VI	P. U. C.	International	"	22	Apr. 27	5					T
Con VI	Barrie	Water Supply Ltd.	"								
Con VI	K. Eplett	M. Coupland	"	22	June 4	4	10	145	120	"	D
Con VI	L. Hammond	H. Hammers	"	22	Dec. 23	6	15	130	115	"	D

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY - cont. Vespra Twp. - cont. Con VI lot 23	P. U. C. Barrie	International Water Supply	June 16	5						Topsoil 1; silty sand 33; blue clay 47; fine gravel 50; hard blue clay 75; soft blue clay 125; blue clay 140; hard blue clay 158; blue clay 162; blue clay gravel 205; blue clay 221; sandy clay fine gravel 256; hard blue clay 271; blue clay boulders 275; hard blue clay 318. Water from 47 to 50.
Con VI	"	"	June 23	5					T	Black muck 4; silty sand boulders 13; brown clay 33; sandy clay 45; hard blue clay 86; soft blue clay 126; blue clay 128; soft blue clay 142; blue clay 148; hard blue clay 162; silty sandy clay 216; blue clay 233; silt sand clay 265; blue clay 276; hard blue clay gravel 289.
Con VII	A. Wilson	H. Hammers	Dec. 30	6	33	75	45	Fresh	D	Topsoil 1; brown clay sand 85; sand gravel 107. Water at 107.
Con VII	S. Stewart	P. Weight & Son	June 3	4	3	43	41	"	D	Topsoil 1; sand 4; sand blue clay stones 9; sand blue clay 14; blue clay sand boulders 53; medium sand 65. Water at 14.
Con VII	C. Travis	M. Coupland	May 6	4	7	40	6	"	D	Gravel 37; hardpan 60; medium coarse sand 67. Water at 65.
Con VII	C. Fetter	"	Dec. 10	4	6	87	68	"	D	Sand 36; clay sandy streaks 102; medium coarse sand 112.
Con IX	A. Knapp	A. Cameron	Dec. 1	2	5	60	55	"	D, S	Coarse sand clay 6; coarse sand 74. Water from 55 to 74.
PRW Con I	G. Sutton	Ont. Well Drilling Co.	Oct. 10	2						Blue clay 270. Dry hole.
PRW Con I	"	"	Oct. 30	30						Blue clay 100. Dry hole.
PRW Con II	G. Buile	A. Cameron	Aug. 15	2	4		41	Fresh	D	Fine sand 15; blue clay 55; coarse sand 80. Water from 55 to 80.
PRW Con II	F. U. C. Barrie	International Water Supply Ltd.	Apr. 17	5					T	Topsoil 1; sandy clay 5; silty sand boulders 15; hard sand boulders 48; silty sand boulders 106; streaks clay gravel boulders 147; blue clay gravel boulders 161; hard blue clay 182; sandy clay gravel boulders 285; hard blue clay 294; clay gravel boulders 323; rock 324.
PRW Con II	C. Sutton	A. Cameron	July 3	2	6	130	125	"	D, S	Dug well coarse sand gravel 120; blue clay 157; coarse gravel 165. Water from 157 to 165.
Wasaga Beach	P. Beaulieu	R. Nimmo	June 25	4	4	45	6	Fresh	D	Sand 30; grey clay 75; medium sand 87. Water at 75.
Wasaga Beach	H. Detels	F. Wright & Son	June 30	2	3	14	8	"	C	Sand 12; sandy clay large stones 34; blue clay 72; hard clay stones 76; medium sand 86. Water at 86.
Wasaga Beach	J. Hergouich	"	July 2	2	2	18	9	"	P	Sand 6; clay sand stones 29; blue clay 68; hard clay stones 74; medium sand 86. Water at 86.
Wasaga Beach	R. Soriano	"	July 15	2	3	0	Flows	"	D	Sand 6; clay sand stones 29; blue clay 63; hardpan 67; sand 78.
Wasaga Beach	M. Billy	"	July 17	2	2	12	7	"	D	Water at 78.
Wasaga Beach	J. C. Jackson	"	July 25	4	3	9	6	"	D	Sand 12; sand clay stones 36; blue clay 54; hard clay stones 58; sand 70. Water at 70.
Wasaga Beach	"	"	July 25	4	3	9	6	"	D	Sand 8; sand clay stones 28; blue clay 79; hard sandy clay 87; stones sand 99. Water at 99.
West Gwillimbury Twp. Con I lot 2	Sillian Cheese Factory	D. S. Loughheed	Feb. 15	10	10	115	30	Fresh	In	Grey clay streaks sand 332; medium sand 335; brown shale 365. Water at 336.
Con IV	J. Muirhead	J. L. Horan	Sept. 29	18			11	"	D, S	Hard brown clay stones 10; fine sand 18; rock blue clay 30.
Con V	R. J. Gilbert	Babuik Well Boring	Feb. 26	30			30	"	D, S	Water at 30.
Con VI	H. Stoddard	"	Aug. 7	30			10	"	S	Brown clay 15; blue clay 61. Water at 60.
Con VII	C. Harvey	Ont. Well Drilling Co.	Jan. 5	36	1 1/2		35	"	S	Brown clay 12; blue clay 20; sandy blue clay boulders 25. Water from 10 to 20.
										Clay 18; hardpan 40; clay sand gravel 60. Water at 50.

Con VII	lot 11	J. McClocklin	F.R. Roadway & Son	July 31	5	2	20	Fresh	D	Soft brown clay 20; red clay stone 40; hardpan 71; soft silt 74; hardpan 102; gravelly blue clay 16; yellow clay 170; silt 180; hardpan 182; blue silt 200. Dry hole. Blue clay 40; sandy clay 65. Water at 40.
Con VII	" 11	F. Smeister	Ont. Well Drilling Co.	Aug. 5	34	2	20	"	D	Clay 39; sand clay 41. Water at 39.
Con IX	" 1	W. Poole	H. Horan	Sept. 25	18	3	11	"	D	Brown clay 20; blue sand clay 49. Water at 45.
Con IX	" 6	B. Steers	Babuik Well Boring	Mar. 6	30	29	31	"	D, S	Brown clay 5; hard coarse sand 31; blue clay 41. Water at 31.
Con XI	" 1	W. Bell	"	Dec. 10	30	1	39	"	S	Brown sandy clay 4; sand 8; gravel 10; brown gravelly clay 20. Water at 9.
Con XI	" 3	M. Jeffels	"	Dec. 6	30	1	9	"	D, S	Brown sand 8; brown clay 20; brown clay gravel 25; brown sand 50. Water at 38.
Con XI	" 11	J. Kent	"	July 4	30		38	"	D	Clay 41; sand clay 50. Water at 40.
Con XIII	" 8	C.J. Bowden	H. Horan	July 10	18	1	40	"	D	Sandy blue clay 28. Water at 20.
Con XIII	" 15	E. Knesshaw	Ont. Well Drilling Co.	Oct. 10	34	2	10	"	D	Brown clay 5; hard sandy brown clay 39; hard sandy blue clay 41; blue clay 44; gravel 49; brown sand 72. Water at 62.
Con XIII	" 17	T. Bell	Babuik Well Boring	Aug. 15	30		62	"	S	Blue clay 20; sand 30. Water at 20.
Con XIV	" 17	G. Sawyer	"	May 5	30		10	"	D, S	Blue clay 45; grey limestone 95. Water at 95.
STORMOUNT COUNTY										
Cornwall		L. Gosselin	Roy & Son Reg'd	Apr. 1	2	21	20	Flows	D	Hardpan boulders 40; quicksand 50; hardpan boulders 86; limestone 88. Water at 88.
Cornwall		J. Murray	"	Apr. 15	6	16	35	"	P	Hardpan boulders 62; grey limestone 75. Water at 75.
Cornwall		H. Hardwell	"	Apr. 18	2	5	20	14	D	Blue clay 70; gravel 80; grey limestone 90. Water at 85.
Cornwall		Parkway Hotel	A. Bourdon	Apr. 21	3	8	45	25	P	Hardpan boulders 40; quicksand 55; hardpan boulders 84; limestone 95. Water at 95.
Cornwall		R. P. Miller	Roy & Son Reg'd	Apr. 22	3	17	25	15	P	Hardpan boulders 55; grey limestone 79. Water at 79.
Cornwall		D. Scott	"	May 1	2	8	20	10	D	Blue clay 10; sand gravel 45; grey limestone 61. Water at 61.
Cornwall		R. Gillett	"	May 16	5	15	15	7	D	Hardpan 70; limestone 132. Water at 125.
Cornwall		J. Hollingsworth	"	May 21	2	10	20	10	D	Stone clay 20; gravel clay 40; stones gravel 51. Water at 45.
Cornwall		F. Emard Petrol	Pollackin Well Drilling	May 28	6	6	25	15	C	Clay stone 20; gravel clay 50; gravel 59. Water at 50.
Cornwall		A. Leout	A. Bourdon	May 28	5	8	6	6	D, S	Gravel loam stones 5; hardpan stones gravel 57; hard grey limestone 62. Water at 61.
Cornwall		A. Asiotte	"	June 10	5	8	17	17	D	Blue clay 43; grey limestone 93. Water at 93.
Cornwall		R. Gillett	"	June 18	5	8	9	9	D	Hardpan boulders 48; grey limestone 57. Water at 57.
Cornwall		P. Blue	Perguson	July 1	5	8	40	15	D	Hardpan boulders 50; gravel 58. Water at 58.
Cornwall		L. Benoit	Threasher Co.	July 23	2	13	10	5	D	Dug well 18; hardpan boulders 30; limestone 48. Water at 48.
Cornwall		H. Gravelly	Roy & Son Reg'd	Aug. 4	5	16	15	8	D	Hardpan boulders 66; grey limestone 88. Water at 88.
Cornwall		G. Miller	"	Aug. 20	5	3	24	12	D	Sand clay 20; sand gravel 46. Water at 40.
Cornwall		R. Aubert	"	Aug. 29	2	6	24	27	D	Clay sand 20; sand stone 46; grey rock 88. Water at 65.
Cornwall		F.W. Garvell	"	Sept. 14	2	5	8	8	D	
Cornwall		P. Rose	A. Bourdon	Sept. 25	5	5	8	8	D	
Cornwall		R. Bourbonnais	"	Oct. 28	5	4	8	8	D	
CORNWALL TWP.										
Con I	lot 30	R. Moss	Roy & Son Reg'd	July 2	5	12	36	28	D	Hardpan boulders 35; quicksand 50; gravel 69. Water at 69.
Con I	" 38	Ont. St. Lawrence Dev. Comm	R.H. Casselman	Aug. 8	5	20	35	27	P	Gravel boulder sand 20; gravel clay sand 58; gravel sand 65; limestone 222. Water at 212.
Con IV	" 10	H. Mehan	"	June 4	5	10	16	16	D	Gravel clay 20; gravel 35; grey rock 42. Water at 35.
Con IV	" 10	G. Agroulx	A. Bourdon	June 22	5	5	20	20	D	Clay stone 20; gravel 49. Water at 30.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



## APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
STORMOUNT COUNTY - cont.										
Cornwall Twp. - cont.										
Con III lot 11	R. LeBlanc	A. Bourdon	Oct. 3	5	3	15	15	Fresh	D	Clay sand 15; stone gravel 37; grey rock 44. Water at 39.
Con IV	E. Campeau	"	Oct. 14	2	5	12	12	"	D	Sand stone 25; gravel stone 50; limestone 77. Water at 58.
Con V	P. Frechette	Roy & Son Reg'd	May 14	2	5	10	10	Sulphur	D	Hardpan boulders 31; grey limestone 115. Water at 115.
" 12	M. Maloney	A. Bourdon	Apr. 9	5	12	8	8	Fresh	D	Clay gravel 16; gravel 35. Water at 30.
Con VI	S.S.# 1	"	May 5	5	10	7	7	"	P	Clay Gravel 17; black rock 42. Water at 25.
Cornwall Island Indian Reserve										
Con I	M. Thompson	Poliskin Well Drillers	Nov. 10	6	10	18	18	Fresh	D	Clay 15; hardpan 40; limestone 80. Water at 75.
Finch Twp.										
Con III lot 14	C. Walderoff	CaverWell Drillers	June 24	4		110	10	Fresh	D	Topsoil 5; limestone 110. Water at 45.
Con IV	D. Dingwall	"	Nov. 25		3	40	18	"	S	Hardpan 21; limestone 50. Water at 48.
Con V	S.S.# 18	A. Gauthier	May 14	5	25	5	5	"	P	Grey clay 10; hardpan 20; quicksand 30. Water at 30.
Con V	S.S.# 4	Bourgeois & Sanche	Mar. 26	5	30	8	8	Sulphur	P	Grey clay 10; sand 43; grey limestone 173. Water at 173.
Con VI	Kraft Foods Ltd.	J.B. Pufresne Co.	Feb. 24	8			13	Fresh	In	Clay stones 37; gravel sand 40; grey limestone 177. Water from 37 to 100.
Con VI	D. Smirle	Bourgeois & Sanche	Aug. 18	5						Grey clay pebbles 12; grey limestone 110. Dry hole.
Con VI	"	Caver Well Drillers	Oct. 7	5						Hardpan 12; limestone 120. Dry hole.
Con VI	Kraft Foods Ltd.	E.E. Sparks	Dec. 5	8	25	35	10	Fresh	In	Previously drilled 177; brown limestone 260; grey limestone 277. Water at 270.
Con IX	E. Auderkirk	Bourgeois & Sanche	Nov. 15	4						Grey clay pebbles 10; limestone 200. Dry hole.
Con IX	"	"	Nov. 28	4	3	70	30	Sulphur	D	Grey clay pebbles 10; limestone 120. Water at 100.
Con IX	F.G. Bourdieu	"	Mar. 10	4	10	7	7	Fresh	D	Grey clay 28; hardpan 34. Water at 34.
Con X	A. Evers	A. Gauthier	Nov. 5	4	20	40	30	"	S	Hardpan 25; limestone 91. Water at 55.
Con X	S.S.# 5	Bourgeois & Sanche	May 5	5	20	20	20	"	P	Grey sand clay 25; sand 28; limestone 40. Water at 40.
Con X	Separate School Union 5, 6, 8, 12	"	Mar. 6	5	10	29	4	"	P	Grey clay 22; hardpan 24; sand 26; limestone 163. Water at 163.
Con X	J.R. Leduc	"	Mar. 20	5	20	15	7	"	C	Grey clay 10; hardpan 15; limestone 168. Water at 168.
Con X	O.J. Hanger	"	Mar. 28	5	1	80	12	"	C	Grey clay 15; hardpan 20; limestone 80. Water at 80.
Con X	P. Hebert	"	Mar. 30	4	20	14	8	"	D	Grey clay 7; hardpan 17; limestone 22. Water at 22.
Con X	C. Sabourin	"	Apr. 2	4	20	8	8	"	D	Grey clay 5; grey clay pebbles 25. Water at 25.
Con X	Y. Rouleau	"	Apr. 4	4	10	10	10	"	D	Grey clay 10; sand 15; limestone 30. Water at 25.
Con X	A. Quesnel	"	Apr. 14	4	1	180	6	"	D	Previously drilled 105; limestone 180. Water at 180.
Con X	J.G. Vanier	"	Apr. 17	30	1	30	3	"	D	Previously drilled 42; limestone 118. Water at 118.
Con X	A. Bacin	"	Apr. 27	4	1	25	3	Sulphur	D	Grey clay 8; limestone 25. Water at 25.
Con X	C. Mannion	A. Gauthier	Nov. 16	4	1	50	15	Fresh	D	Hardpan 17; limestone 50. Water at 45.
Con X	L. Cegnier	"	Dec. 12	4	10	20	12	"	D	Hardpan 21; limestone 28. Water at 25.
Goshabrook Twp.										
Con I lot 1	Ont. Parks Comm.	Poliskin Well Drilling	Mar. 9	6	20	55	15	Fresh	P	Hardpan 60; limestone 109. Water at 100.
Con I	Ont. St. Lawrence Dev. Comm.	R. Casselman	Oct. 1	6	17	30	15	"	P	Topsoil 1; hardpan boulders 45; hardpan gravel 80; rock layers 85; limestone 106. Water at 100.
Con I	"	"	July 6	5	17	40	18	"	P	Topsoil 1; hardpan gravel 6; hardpan boulders 39; hardpan 80. Limestone 149. Water at 139.
Con I	Ont. Parks Comm.	Poliskin Well Drilling	Mar. 26	6	20	50	35	"	P	Hardpan 95; gravel 97; limestone 165. Water at 150.
Con I	Ont. St. Lawrence Dev. Comm.	R.H. Casselman	June 18	4	10	30	12	Mineral	P	Hardpan boulders 54; rock layers 60; limestone 173. Water at 183.

Osnabrock Twp. - cont.									
Con I	lot 28	Ont. St. Lawrence Dev. Comm.	R.H. Casselman	Mar..25	5	20	29	18	P
Con I	" 28	"	"	Apr. 17	5	20	33	9	"
Con I	" 29	"	"	Sept. 1	5	17	19	10	"
Con I	" 31	"	"	Mar. 23	5	16	55	8	"
Con I	" 31	"	"	Mar. 6	5	20	24	12	"
Con I	" 37	V. Gaudat	A. Gauthier	Apr. 16	4	18	30	6	"
Con II	" 2	M. Robinet	Bourgeois & Sanche	July 22	4	5	16	16	"
Con III	" 33	G. Dafoe	R.H. Casselman	Aug. 29	4	95	14	14	Sulphur
Con VIII	" 7	Kraft Food Ltd.	International Water Supply, Ltd.	Oct. 20	5				
Con VIII	" 7	"	"	Oct. 22	5				
Con VIII	" 7	"	"	Oct. 30	2	30	12	3	Fresh
Con VIII	" 7	"	"	Nov. 11	2	13	16	1	"
Con VIII	" 7	"	"	Nov. 13	5				
Con VIII	" 7	"	"	Nov. 16	5				
Con VIII	" 7	"	"	Nov. 21	5				
Con VIII	" 8	B. Andre	A. Bourdon	Oct. 18	5	4	9	9	"
Hoxborough Twp.									
Con III	lot 29	B. McIntyre	R.H. Casselman	Sept. 12	6	10	46	11	Fresh
Con III	" 30	W.J. Bush	Cayer Well Drillers	Sept. 9	4	1 1/2	68	10	"
Con IX	" A	Bennett Bros.	J.R. Ferguson	Jan. 21	5	16	15	6	Sulphur
Con IX	" 1	"	"	Nov. 14	5	10	19	7	Fresh
SUDBURY DISTRICT.									
Appleby Twp.									
Con I	lot 1	A. Lafortune	S. Bradley	July 24	2	4	20	4	Fresh
Con I	" 1	O. Roy	"	Sept. 12	2	2	20	8	"
Con I	" 6	N. Turcotte	"	Oct. 11	2	8	3	Flows	"
Baldwin Twp.									
Con I	lot 9	J. Goodman	Worthington Well Drillers	Aug. 6	4	10	60	8	Fresh
Balfour Twp.									
Con II	lot 9	J.P. Brosseau	D. Deroy	July 18	1	4		2	Fresh

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## APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SUDBURY DISTRICT - cont.										
Balfour Twp. - cont.										
Con II	T. Byrnes	R. Campbell	Aug. 8	24	2	31	21	Fresh	D	Grey clay 18; blue clay 33; rock. Water at 33.
Con III	A.L. Trappier	"	July 23	24	3	24	12	"	D	Grey clay 16; blue clay 24; blue gravel 25. Water from 24 to 25.
Con III	N. Jonasson	"	Aug. 16	24	2	27	10	"	D	Grey clay 17; blue clay 30. Water at 30.
Bigwood Twp.										
Con I	V.A. Seguin	Jutras Const. & Diamond Drilling	Apr. 4	2	6	50	15	"	P	Sand 4; grey granite 204. Water at 204.
Con II	U. Landry	"	Mar. 25	2	4	16	10	"	D, C	Sand 21; grey granite 87. Water at 80.
Con VI	Lacroix Store & Post Office	L.E. Danis Drilling	Sept. 22	1 1/2	3 1/2	8	8	"	D	Gravel 13; red granite 39. Water at 36.
Con VI	G. Pilon	"	Oct. 1	1 1/2	3		5	"	D	Clay 3; red granite 33. Water at 28.
Con VI	C. Dupuis	"	Oct. 20	1 1/2	3		8	"	D	Sandy clay 10; red granite 36. Water at 34.
Con VI	W. Brazier	Jutras Const. & Diamond Drilling	Mar. 23	2	3	35	25	"	D	Sand 5; grey granite 223. Water at 215.
Bleazard Twp.										
Con III	McCrae Heights Ltd.	Jutras Const. & Diamond Drilling	Apr. 9	2	3	10	10	Fresh	D	Sand 1; gabbro 85. Water at 78.
Con III	S. Putta	"	Apr. 10	2	3	13	13	"	D	Grey granite 120. Water at 120.
Con III	McCrae Heights Ltd.	"	Apr. 11	2	3	12	10	"	D	Gabbro 43. Water at 38.
Con III	"	"	Apr. 16	2	5	15	8	"	D	Gabbro 105. Water at 98.
Con III	R. Gagne	"	May 19	2 1/2	4	16	5	"	D	Sand 2; gabbro 107. Water at 101.
Con III	McCrae Heights Ltd.	"	Apr. 22	2	4	12	10	"	D	Gabbro 85. Water at 85.
Con III	"	"	May 30	1 1/2	6	19	3	"	D	Sand 12; gabbro 57. Water at 50.
Con III	"	"	May 30	1 1/2	1	20	12	"	D	Sand 4; gabbro 195. Water at 190.
Con III	"	"	May 31	1 1/2	7	14	3	"	D	Gabbro 36. Water at 31.
Con III	"	"	June 10	1 1/2	1	18	5	"	D	Gabbro 62. Water at 56.
Con III	"	"	June 11	1 1/2	2	19	12	"	D	Gabbro 142. Water at 138.
Con III	"	"	June 18	1 1/2	2	18	5	"	D	Sand 7; gabbro 52. Water at 45.
Con III	"	"	June 19	1 1/2	6	15	9	"	D	Gabbro 48. Water at 41.
Con III	"	"	June 20	1 1/2	1	55	10	"	D	Sand 2; gabbro 202. Water at 189.
Con III	"	"	June 21	1 1/2	1	17	8	"	D	Gabbro 64. Water at 55.
Con III	"	"	June 22	1 1/2	1	20	7	"	D	Gabbro 77. Water at 77.
Con III	"	"	June 23	1 1/2	1	18	12	"	D	Sand 1; gabbro 109. Water at 98.
Con III	"	"	July 4	1 1/2	1	20	5	"	D	Sand 3; gabbro 149. Water at 140.
Con III	H. St-Amour	"	July 9	2	2 1/2	18	0	"	D	Gabbro 83. Water at 83.
Con III	P.J. Hamilton	"	July 10	2	2	15	7	"	D	Sand 1 1/2; gabbro 38. Water at 32.
Con III	H. Landry	"	Oct. 5	2	3	12	3	"	D	Sand 5; grey granite mica 114. Water at 100.
Con IV	M. Lavoie	"	July 25	1 1/2	1	19	11	"	D	Sand 6; quartzite felspar 105. Water at 92.
Con IV	G. Hanger	L.E. Danis Drilling	Aug. 3	1 1/2	20	25	0	"	D	Stones clay 5; dark slate 230. Water at 80.
Con IV	R. Lauzon	Sudbury Diamond Drilling	Aug. 20	2	2	15	6	"	D	Loam overburden 7 1/2; grey limestone 51. Water at 49.
Con IV	H. Bechamp	Jutras Const. & Diamond Drilling	Oct. 7	2	1	17	8	"	D	Sand 2; granite mica 126. Water at 118.
Con IV	A. Regimbal	Sudbury Diamond Drilling	Aug. 15	2	1	50	20	"	D	Brown loam 1 1/2; grey limestone 55. Water at 52.
Con V	R. Hamilton	"	Sept. 3	2	4	15	5	"	D	Overburden 3; grey limestone 31. Water at 29.



Broder Twp. Con III	lot 9	W. Johnson	Worthington Well Drillers	Oct. 30	3	5	27	24½	Fresh	D	Quicksand boulders 37½; quartzite 49. Water from 32 to 37½ and 46. Clay 25; clay boulders 56; quicksand 75; coarse gravel 81; bedrock 88. Water at 85. Quicksand 24; quartzite 47. Water at 42.
Con IV	" 7	A. Sitko	Sudbury Diamond Drilling	June 16	2	8	80	55	"	D	
Con V	" 5	G.M. Laing	Outcrop Cons. & Diamond Drilling	May 16	2	2½	25	15	"	D	
Con VI	" 3	W. Taylor	Sudbury Diamond Drilling	Aug. 3	2	1	100	3	"	D	Brown sand clay 14; white quartz 180; hard grey limestone 185; white quartz 222; hard grey limestone 226; white quartz 227. Water at 180 and 222.
Con VI	" 4	F. Jackson	L.E. Denis	May 4	1½	3	57	4	"	D	Clay stones 4; hard grey rock 53. Water at 52.
Con VI	" 4	L. Germain	G. Corcoran	July 4	1	1½	20	20	Sulphur	N	Loose gravel clay 20; hard grey rock 150. Water at 125.
Con VI	" 4	Podern Etc.	L.E. Denis	Nov. 16	1	1	8	8	Fresh	D	Clay 6; grey rock 87. Water at 84.
Con VI	" 4	H. Frass	"	Dec. 30	1	2	2	8	"	D	Clay gravel 9; grey rock 35. Water at 34.
Con VI	" 6	E. Johnson	Sudbury Diamond Drilling	Sept. 15	2	1	50	14	"	D	Overburden 5½; quartzite gabbro 60; greenstone 100. Water at 86.
Con VI	" 6	E. Niemilainen	L.E. Denis	Nov. 20	1½	1½	3	3	"	D	Clay 3; grey rock 77. Water at 75.
Cascaden Twp. Con VI	" 1	Dept. Lands & Forests	Sudbury Diamond Drilling	May 14	2	3	90	15	Fresh	P	Quartzite 156. Water at 156.
Con VI	" 1			May 20	3	4	100	92	"	D	Quicksand gravel 100; broken conglomerate 108. Water from 105 to 108.
Cherrihan Twp. Con V	lot 1	A. Robidoux	S. Bradley	July 10	2	3	22	10	Sulphur	D	Clay 16; diabase 257. Water at 240.
Costy Twp. Con III Con IV	lot 1 " 4	E. Potvin J. Taillon	S. Bradley L.E. Denis	June 17 Sept. 14	2 1½	3 1	12	4 6	Fresh "	D D,S	Clay 9; red granite 175. Water at 172. Clay 5; red granite 95. Water at 90.
Delamere Twp. Con I	lot 7	Brunets Garage	L.E. Denis	Aug. 25	1½	2	12	12	Fresh	D,C	Clay 8; red granite 98. Water at 40 and 96.
Con I	" 7	J. Dupuis	"	Nov. 2	1½	3	5	5	"	D	Sand clay gravel 14; red grey granite 37. Water at 36.
Con I	" 7	G. Lehaie	"	Nov. 5	1	1½	6	6	"	D	Clay 4; red granite 36. Water at 34.
Con I	" 7	A. Lehaie	"	Nov. 9	1	4	5	5	"	D	Clay 8; red granite 39. Water at 36.
Dennison Twp. Con I	lot 2	Edwards Sudbury Ltd.	Worthington Well Drillers	Oct. 21	4	7½	24	8	Fresh	C	Light clay 20; blue clay 37; dark grey slate 127. Water at 60 and 122.
Con I	" 6	E. Wentala	"	June 3	2						Previously drilled 131; grey rock 200. Dry well.
Con II	" 1	R. Smith	"	July 7	3	6	17	16½	Fresh	D	Clay sand 20; hardpan quicksand 39; coarse gravel 46. Water from 39 to 46.
Dill Twp. Con V	lot 10	R. Grenon	Sudbury Diamond Drilling	Aug. 12	1½	3	90	10	Fresh	P	Brown gravel boulders 11½; quartzite 58; gabbro 130. Water at 58 and from 120 to 130.
Con V	" 11	Lazy Bob Motel J. McKallivray	L.E. Denis	Oct. 30	1½	1		Flows	"	D	Sand boulders 22; hardpan 34; grey rock 69. Water at 67.
Dryden Twp. Con III	lot 10	Dept. of Highways	C. Goodberry Well Drilling Ltd.	July 28	7	10	25	7½	"	C	Clay 130; quicksand 170; gravel 187. Water at 182 and 186.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SUDBURY DISTRICT - cont										
Dunnet Twp. Con VI lot 2	Ontario Hydro	S. Bradley	Jan. 5	5	7	40	18	Fresh	C	Clay 4; sand 160; gravel 176. Water at 166.
Con VI " 5	H. Wood	"	Sept. 25	2	4	10	Flows	"	S	Clay 9; red granite 140. Water at 140.
Espanola	Town of Espanola	International Water Supply, Ltd.	July 28	5					T	Sand fine gravel 37; soft blue clay streaks sand 57; blue clay silty sand 93; silty sand blue clay streaks 255; silty clay 311; boulders silt clay 312; silty clay 323.
Espanola	"	"	July 29	5					T	Fine sand 9; sand fine gravel 28; sand fine gravel soft clay 63; blue clay silty sand 74.
Espanola	"	"	Aug. 4	5					2-59	Fine sand 3; coarse sand 10; fine sand 28; blue clay silt 97;
Espanola	"	"	Sept. 5	5					3-59	Silt 135; gravel sand boulders 198; bedrock 140.
Espanola	"	"	Sept. 8	5					4-59	Sand 2; coarse sand fine gravel 19; fine sand 35; blue clay silty clay 146; silty clay 159; silty clay gravel 160; silty clay 164; boulders gravel 165; bedrock.
Espanola	"	"	Sept. 8	5					T	Grey clay sand 3; coarse sand fine gravel 32; blue clay silty clay 175; sandy blue clay 183; blue clay silty sand 225; blue clay soft sand 277; blue clay hard sand 310; sandy clay gravel 329; sandy clay boulders gravel 330; rock.
Foleyet Twp. Con V lot 6	Ont. Provincial Police	C. Goodberry Well Drilling Ltd.	Sept. 21	7	8	62	12	Fresh	P	Sand 70; clay gravel 105; shale 113. Water at 108.
Con VII " 6	D.H.O.	"	Oct. 20	6	1	172	50	"	P	Red sand 10; clay 102; granite 175. Water at 170.
Garvey Twp.	Garvey & Hennessey S.S.	W. Cochrane	Sept. 14	2	2 1/2	40	15	Fresh	P	Clay 8; boulders sand 12; granite 52. Water at 22 and 45.
Graham Twp. Con II lot 5	E. Jolicoeur	Jutras Const. & Diamond Drilling	Dec. 18	2	8	18	12	Fresh	D	Quicksand 118; quartzite 128. Water at 120.
Con II " 12	M.A. Leblanc	"	Mar. 21	2	1 1/2	20	15	"	D	Gravel boulder sand 110; schist 153. Water at 146.
Con II " 12	E. Poiras	Worthington Well Drillers	Sept. 21	2						Clay 15; boulders 25; slate 210. Dry hole.
Con III " 4	E. Jolicoeur	L.E. Denis	Aug. 19	2	3	50	20	Fresh	D	Sand 35; quicksand 100; gravel 105. Water from 100 to 105.
Haddo Twp. Con III lot 1	Dept. Lands & Forests	Jutras Const. & Diamond Drilling	Dec. 3	2	4	18	10	Fresh	D	Brown clay 6; red grey granite 175. Water at 168.
Hagar Twp. Con III lot 13	R. Haddaway	Jutras Const. & Diamond Drilling	June 12	2	1	40	20	Fresh	D	Sand 10; black granite 70. Water at 61.
Loughrin Twp. Con I lot 2	R. Lacoste	L.E. Denis	May 28	2	4	50	44	Fresh	D, S	Sandy clay 15; red granite 110. Water at 108.
Louise Twp. Con III lot 4	V. Jokinen	Worthington Well Drillers	Sept. 28	2			18	Fresh	D	Clay 12; boulders 15; quartzite 108.
Con VI " 3	G. Jokinen	"	Oct. 6	2	1		19	"	D	Clay 16; hardpan boulders 19; olive diabase rock 130. Water at 126.
Martland Twp. Con III lot 12	J.A. Vaillancourt	S. Bradley	June 20	2	5	20	5	Fresh	D	Clay 42; red granite 267. Water at 260.

May Twp. Con II	lot 12	D.H.O.	C. Goodberry Well Drilling Ltd.	Nov. 20	6½					N	Sand 158;clay 186;quicksand 190;granite 205;blue rock 244. Sand 160;clay 185;quicksand 187;granite 209;blue rock 225.
Con II	" 12	"	"	Nov. 10	6½					N	
Mckim Twp.	lot 4	W. Dormer	L.E. Danis	May 14	1½	3	40	8		D	Sand clay gravel 9;hard grey rock 40. Water at 25 and 35.
Con I	" 4	L.E. Danis	"	Sept. 15	1½	4		4		D	Clay 6;grey rock 60. Water at 57.
Con I	" 4	J. Schnupp	"	June 10	1½	3		6		D	Clay 8;grey rock 36. Water at 34.
Con I	" 4	Evan's Lumber Ltd.	"	Nov. 28	1½	4		Flows		D	Clay 6;grey rock 37. Water at 36.
Con I	" 6	A. Bellevue	Jutras Const. Co.	July 2	2	2½	45	22		D	Sand 2;quartzite 100. Water at 89.
Con II	" 2	K. Anderson	"	May 16	2	5	10	0		D	Clay 8;quartzite 75. Water at 68.
Con II	" 3	G.N. Birney	"	June 6	2	2	18	12		D	Quicksand 15;quartzite 140. Water at 130.
Con II	" 3	S.R. Brunton	Atlas Well & Core Drilling	May 30	2	2½	62	20		D	Overburden clay 1;dark grey white black hard rock 102. Water at 102.
Con II	" 3	A.B. Smith	Jutras Const. Co.	Aug. 10	2	2	18	16		D	Sand 3;granite 132. Water at 120.
Con III	" 2	A. Gravelle	"	Mar. 3	2	5	15	10		D	Sand boulders 10;quartzite 69. Water at 63.
Batter Twp.	lot 7	R. Charette	S. Bradley	Sept. 19	2	5	15	7		D,S	Red granite 139. Water at 135.
Con IV	" 6	A. Simon	J. Sabourin	June 15	2	1		8		D,S	Clay stones 22;gravel 24;grey granite 180. Water from 160 to 180.
Reaside Twp.	lot 4	L. Soucy	C.L. Lavallee	July 22	1	2		20		D	Topsoil 1;clay 32;gravel 35. Water at 32.
Con I	" 4	M. Coma	"	July 26	1	2		20		D	Topsoil 1;clay 48;gravel 50. Water at 48.
Con I	" 4	M. Lavallee	"	Aug. 12	1	1½		20		D	Topsoil 1;clay 20;quicksand 40;clay 129;gravel 130. Water at 129.
Con I	" 4	J.A. Tedbraak	"	June 27	1	2		20		D	Topsoil 1;clay 10;quicksand 25;clay 69;gravel 70. Water at 69.
Con I	" 4	L. Charbonneau	Azilda Drilling	Sept. 5	1	2	14	14		D	Black loam 2;sand 4;clay 5;sand 90;clay 145;gravel 147. Water at 147.
Con I	" 4	P. Trevisari	C.L. Lavallee	Sept. 10	1	1½		20		D	Topsoil 1;clay 40;quicksand 50;clay 79;gravel 80. Water at 79.
Con I	" 4	G. Cormier	Azilda Drilling	Sept. 12	1	2	14	14		D	Black loam 1;sand 4;clay 5;sand 90;clay 140;gravel 142. Water at 142.
Con I	" 5	R. Bouchard	C.L. Lavallee	May 1	1	3		16		D	Topsoil 1;clay 15;quicksand 50;clay 149;gravel 150. Water at 149.
Con I	" 5	L. Henry	Azilda Drilling	June 26	1	1	20	20		D	Black loam 1;sand 4;fine grey sand 55;clay 95;gravel 96. Water at 96.
Con I	" 5	A. Robillard	"	July 10	1½	1½	18	18		D	Black loam 1;sand 4;fine grey sand 60;clay 92;coarse gravel 95. Water at 95.
Con I	" 5	J. Aubin	"	July 11	1	½	22	22		D	Black loam 1;sand 6;clay 7;fine grey sand 100;clay 233; gravel 235. Water at 235.
Con I	" 5	S. Depatie	C.L. Lavallee	Aug. 3	1	3		12		D	Topsoil 1;clay 15;quicksand 30;clay 264;gravel 265. Water at 264.
Con I	" 5	J.A. Lafreniere	Azilda Drilling	Sept. 7	1½	2	15	15		D	Black loam 2;sand 5;clay 9;sand 195;clay 300;gravel 302. Water at 302.
Con I	" 5	E. Pucka	"	Sept. 12	1½	1		19		D	Black loam 2;sand 4;clay 6;sand 80;clay 80½;gravel. Water from 80 to 80½.
Con I	" 5	B. Campbell	"	Sept. 19	1					D	Black loam 2;sand 5;clay 7;sand 80;clay 130. Dry hole.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



## APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SUBURB DISTRICT-cont.										
Haystack Twp. - cont.										
Con I lot 6	M. Nickart	C.L. Lavallee	June 16	1	2		15	Fresh	D	Topsoil 1; clay 39; gravel 40. Water at 39.
Con I " 6	L. Laffoll	"	June 16	1	1 1/2		15	"	D	Topsoil 1; clay 49; gravel 50. Water at 49.
Con I " 6	L. Mahama	Azilda Drilling	July 2	1	1 1/2	16	16	"	D	Black loam 1; sand 3; clay 55; gravel 56. Water at 56.
Con II " 5	J.P.	C.L. Lavallee	May 15	1	2		15	"	D	Topsoil 1; clay 15; quicksand 60; clay 129; gravel 130. Water at 129.
Con II " 5	Beausoleil	Azilda Drilling	July 3	1	1	20	20	"	D	Black loam 1; sand 4; clay 5; fine grey sand 65; clay 146; gravel 147. Water at 120.
Con II " 5	Y. Beauchamp	"	July 9	1	1	20	20	"	D	Black loam 1; sand 4; clay 5; fine grey sand 65; clay 146; gravel 147. Water at 147.
Con II " 5	H. Branoncler	"	Sept. 6	2	2	35	30	"	D	Topsoil 1; clay 20; quicksand 30; clay 54; gravel 55. Water at 54.
Con II " 5	R. Rocheleau	C.L. Lavallee	Sept. 11	1						Black loam 2; sand 4; clay 6; sand 80; clay 124. Dry hole.
Con II " 5	R. Leger	Azilda Drilling	Sept. 18	1	2		30	Fresh	D, C	Topsoil 1; clay 10; quicksand 80; clay 125. Water at 124.
Con II " 5	P. Pournier	C.L. Lavallee	Sept. 25	1	1 1/2	9	9	"	D	Topsoil 2; sand 4; quicksand 28. Water at 12, 16 and 28.
Con II " 5	R. Leger	Azilda Drilling	Oct. 9	1	1 1/2		25	"	D	Topsoil 1; clay 10; quicksand 40; clay 109; gravel 110. Water at 109.
Con II " 5	L. Labranche	C.L. Lavallee		1						
Waters Twp.										
Con I lot 2	G. McAllister	Worthington Well Drillers	July 19	3	8	10	8	Fresh	D	Boulders coarse gravel 29. Water at 27.
Con IV " 4	K. Kudla	L.E. Denis	July 22	2	2	70	35	"	D	Sandy clay 16; quicksand 66; gravel 77. Water from 66 to 77.
Con IV " 4	Jessie Hamilton School	"	Sept. 18	2	4	70	35	"	P	Sandy clay 18; quicksand 79; gravel 100. Water from 79 to 100.
Con IV " 4	W. Funkari	"	Oct. 7	2	3	25	6	"	D	Sandy clay 17; quicksand 70; gravel 83. Water from 70 to 83.
Con IV " 4	R. Darrach	"	Oct. 27	2	1 1/2	70	35	"	D	Sandy clay 20; quicksand 65; gravel 89. Water from 65 to 89.
Con IV " 4	R.A. Watson	"	Apr. 25	2	3	35	25	"	D	Sand 4; quartzite gabbro 95. Water at 95.
Con IV " 4	R.C. Butler	"	July 2	2	3	70	35	"	D	Sand clay 15; quicksand 60; gravel 89. Water from 60 to 89.
Con IV " 4	D.E. Lindsay	"	July 13	2	3	50	35	"	D	Sandy clay 15; quicksand 50; gravel 62. Water from 50 to 62.
Con IV " 4	M. Ediger	"	Nov. 3	2						Clay 12; quicksand 45; grey rock 200. Dry hole.
Con IV " 4	"	"	Nov. 5	2						Clay 9; grey rock 330. Dry hole.
Whitefish Lake Indian Reserve	Indian Reserve #6	S. Bradley	Dec. 21	2	1		20	Fresh	P	Sandy clay 42; sand 184; gravel sand 193. Water from 190 to 193.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
THUNDER BAY DISTRICT Blake Twp. Con IX lot 9	O. Major	Thunder Bay Drillers	May 15	6	8	70	60	Fresh	D	Old well 60;fine sand 75;fine gravel 78;coarse gravel 80. Water at 80.
Conmee Twp. Con III lot 1	C. Ilkka	Thunder Bay Drillers	June 1	8						Old well 30;boulders blue clay 40;green rock 50;grey granite 66. Dry hole.
Forbes Twp. Con II lot 11	A. Sillen	Thunder Bay Drillers	Apr. 15	6	2	17	8	Fresh	S	Red clay 13;silty clay 15;fine gravel 17;green rock 22. Water at 17.
Golding Twp. Block 2	D.H.O.	C. Goodberry Well Drilling Ltd.	Dec. 7	6	5	100	6	Fresh	P	Sand 8;grey granite 130. Water at 24 and 45.
Unorganized Territory Dawson Road West Con B lot 3	R. Lyytinen	Thunder Bay Drillers	May 1	8	5	70	40	Fresh	S	Old well 25;green rock 119;fine sand 121. Water at 121.
TIMISKAMING DISTRICT Armstrong Twp. Con III lot 6	R.Laframboise	E.Laframboise	July 15	3	4	50	40	Fresh	D	Topsoil 1;blue clay 92;hardpan 97;limestone 112. Water at 110
Con V " 2	D. Barlow	J.B.Longstreet	June 19	6	3	98	16	"	D,S	Red clay 10;blue clay 91;fine gravel 98. Water at 98.
Brethour Twp. Con VI lot 9	H. Gauthier	E.R. Pacher	Dec. 19	1 1/2						Grey clay 21;diabase 150. Dry hole.
Bucke Twp. Con VI " 9	J. Cooper	E.R. Pacher	Dec. 17	2	1	150	58	Fresh	P	Soft blue clay 36;conglomerate 190;diabase 278. Water from 251 to 270.
Cairo Twp.	J. Barrette	E.Hobitaille	July 15	4	7 1/2	8	8	Fresh	P	Gravel boulders 35. Water at 35.
Chamberlain Twp. Con I lot 3	J. Joiner	W. Cochrane & Son	Sept. 8	2	2	90	48	Fresh	D	Sandy clay 136;rock 157. Water at 152.
Coleman Twp. Con III lot 11	M. Watts	W. Cochrane & Son	Nov. 16	2	3	45	39	Fresh	D	Fine sand 39;coarse sand gravel 48. Water at 48.
Dymond Twp. Con IV lot 4	Dymond School Board	E.O.Longstreet	Aug. 8	6	100	8	Flows	Fresh	P	Red clay 12;blue clay 212;coarse gravel 242. Water from 212 to 242.
Eventual Twp. Con IV lot 6	H. Grant	J.B. Longstreet	Oct. 2	6	7	195	50	Fresh	D	Brown clay 3;blue clay 117;grey limestone 152;soap stone 193;limestone 195. Water at 195.
Con IV " 7	Cross Road Church	"	Sept. 15	6	10	222	42	"	P	Brown clay 3;blue clay 117;grey limestone 153;soap stone 193;grey limestone 225. Water at 222.
Con IV " 12	Dept. Lands & Forests	"	Oct. 29	7	20	147	143	"	P	Brown clay 2;blue clay 185;grey limestone 220;red shale 280;grey limestone 303. Water at 302.



## TIMISKAMING DISTRICT -

cont.

Harley Twp. Con VI	lot 3	R. Middleton	W. Cochrane	Dec. 7	2	2½	40	23	Fresh	D	Hardpan gravel sand 4½; limestone 80. Water at 70.
Harris Twp. Con IV	lot 3	E. Loney	J.B. Longstreet	Sept. 30	6	14	70	30	Fresh	D, S	Red clay 10; fine sand boulders 40; hardpan 48; limestone 165. Water at 160.
Con V	" 3	R. Waugh	W. Cochrane	Aug. 27	1½	7½	20	4	"	D	Gravel boulders sand 44; limestone 58. Water at 52.
Hudson Twp. Con IV	lot 1	E. Laviviere	E.O. Longstreet	July 18	5						Red clay 5; blue clay 26; coarse gravel 27. Dry hole.
Con IV	" 1	"	"	July 21	5						Red clay 3; blue clay 28; coarse gravel 29. Dry hole.
Con IV	" 1	"	"	July 23	5						Red clay 1; blue clay 42; coarse gravel 44. Dry hole.
Con IV	" 1	"	"	July 25	5						Red clay 1; blue clay 16; coarse gravel 72. Dry hole.
Con IV	" 1	"	"	July 27	5	10	55	2	Fresh	D, S	Red clay 2; blue clay 48; coarse gravel boulders 66. Water at 66.
Con IV	" 4	G. Breault	"	May 22	6	16	10	8	"	D, S	Brown clay 18; blue clay 50; sandy gravel 55. Water at 55.
Con V	" 1	M. Plante	"	May 27	6	3	104	22	"	D	Brown clay 12; blue clay 26; hardpan boulders 104; conglomerate 110. Water at 104.
Hilliard Twp. Con I	lot 4	R. Carson	J.B. Longstreet	Nov. 20	6	12	147	15	Fresh	D, S	Red clay 6; blue clay 54; stones hardpan 118; limestone 123; coals 139; limestone 147. Water at 145.
Con I	" 5	M. St. George	"	Oct. 16	6	5	89	Flows	"	D, S	Hardpan boulders 83; limestone 92. Water at 89.
Con I	" 8	A. Courchesne	"	Nov. 3	6	15	75	30	"	D, S	Red clay boulders 10; gravel boulders 50; hardpan boulders 65; red soap stone 161; hard white limestone 191. Water at 187.
Con II	" 10	C. Pepin	J. Marcoux	Nov. 19	1	8		Flows	"	D, S	Blue clay 100; quicksand 200; coarse gravel 204. Water at 204.
Kerns Twp. Con I	lot 1	P. Keyridge	W. Cochrane	June 25	1½	<½		Flows	Fresh	D, S	Soft clay 190; clay 224; limestone 284. Water from 240 to 284.
Con I	" 8	C. Whalen	"	Nov. 9	2	<½	100	2	"	N	Clay gravel 5; grey fractured granite 207. Water at 204.
Con I	" 9	S. Hodge	"	Oct. 10	2	2	25	10	"	D	Water at 130; boulders gravel 155; bedrock greywacke 145.
Con II	" 4	M. Morrow	T.E. Blain	May 2	1						Blue clay 66; sandy gravel 80. Dry hole.
Con II	" 4	"	"	May 4	1						Blue clay 3; sand gravel 40. Dry hole.
Con II	" 4	"	"	May 6	1						Blue clay 42; sand gravel 60. Dry hole.
Con V	" 9	Twp. School	W. Cochrane	May 9	2						Grey clay 102; fine sand 104; greywacke 254. Dry hole.
Con V	" 9	" Area	"	May 15	2						Grey clay 90; fine sand 96. Dry hole.
Con V	" 9	"	"	May 21	2						Grey clay 94; clay boulders hard packed sand beds 120.
Con V	" 9	"	"	May 25	2						Dry hole.
Latchford		British Petr- oleum Can. Ltd.	Jutras Cons. & Drilling Co. Ltd.	Sept. 23	2	1	50	8	Fresh	C	Grey clay 100; fine sand clay 124; greywacke 132. Dry hole.
Marquis Twp. Con V	lot 1	P. Morin	J.B. Longstreet	Sept. 5	6	<½	51	30	Fresh	D	Sand gravel 16; rock 697. Water at 675.
Pacaud Twp. Con I	lot 3	A. Jumice	J.B. Longstreet	Apr. 10	6	<½	243		Fresh	D, S	Brown clay 2; blue clay 49; fine sand gravel 51. Water from 49 to 51.
Con III	" 12	L. Amyott	"	Sept. 11	6	55	9	80	Fresh	P	Red clay 21; red granite 243. Water at 69 and 130.
Savard Twp. Con I	lot 4	A. Rodgers	T. Demarell	Aug. 17	2	<½	0	Flows	Fresh	S	Blue clay 40; red granite 55. Water at 55.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
VICTORIA COUNTY Berley Twp. NWER lot 33 " 34 " 36	R.W. Allan	W.H. Baldwin & Sons	Apr. 29	6	10	78	22	Fresh	D	Topsoil 1; light clay stone 10; sand boulders 50; sand gravel 60; limestone 78. Water at 45.
	J. Tomson	" Sons	Aug. 6	6	5	65	20	"	D	Brown clay stone 10; sand 52; limestone 69. Water at 65.
	H.W. Kenmore	C.D. Weaver	May 15	6	2	30	8	"	D	Gravel boulders 17; limestone 30. Water at 30.
	D. Pierson	G. Hart & Sons	Apr. 24	6	10	2	2	Fresh	D	Limestone 24. Water at 24.
	R. Jones	"	Apr. 30	6	5	9	1	"	D	Grey limestone 23. Water at 18.
	Vernham Recreation Park	"	May 7	6	4	21	4	"	P	Grey limestone 21. Water at 21.
	W. Forrester	"	May 28	6	2	57	7	"	D	Topsoil 1; grey limestone 57. Water at 57.
	E. Coulter	"	June 19	6	5	7	7	"	D	Topsoil 2; limestone 12. Water at 12.
	B. Watts	"	June 20	6	10	8	8	"	D	Topsoil 2; limestone 14. Water at 14.
	A. Nicholls	"	July 1	6	4	30	10	"	D	Topsoil 1; limestone 14. Water at 14.
Bobcaygeon Bobcaygeon Bobcaygeon Bobcaygeon Bobcaygeon Bobcaygeon Bobcaygeon Bobcaygeon Bobcaygeon Bobcaygeon	L.E. Macdonald	"	July 17	6	5	24	19	"	D	Topsoil 1; shale 71; limestone 7; red sandstone 94. Water at 94.
	C. Skenton	"	July 17	6	5	24	19	"	D	Clay hardpan 71; limestone 34. Water at 24.
	E. Tittler	"	July 20	6	10	64	54	"	D	Limestone 12. Water at 12.
	G. Banker	G. Hart & Sons	Aug. 17	6	10	44	44	"	D	Limestone 12. Water at 12.
	C. Smith	C.D. Weaver	Oct. 6	6	4	2	0	"	D	Brown clay; limestone 20. Water at 20.
	Lighthouse Pt. Ltd.	G. Hart & Sons	Oct. 14	6	15	3	3	"	P	Fill 2; shale rock 8; grey limestone 15. Water at 12.
	P. Walker	"	Oct. 20	6	1	23	10	"	D	Grey limestone 29 1/2. Water at 22.
	D. Hamilton	"	Nov. 5	6	3	23	13	"	D	Old drilled well 10; limestone 66. Water at 56.
	B. Irwin	"	Nov. 16	6	3	22	19	"	D	Brown clay stones 10; limestone 30. Water at 30.
	K. Read	J. Henderson	Nov. 24	6	5	1	1	"	D	Topsoil 1; shale 19. Water at 19.
Garden Twp. Con IV Con IV Con IV Con X	A. Look	F.C. Hammond	June 22	5	2 1/2	45	24	Fresh	D	Hardpan 8; limestone 45. Water at 43.
	A.E. Sedman	"	June 24	5	4 1/2	24	30	"	D	Topsoil 1; limestone 90; granite 99 1/2. Water at 98.
	S. Fletcher	"	June 25	5	8	24	22	"	D	Hardpan 8; limestone 68; granite 74 1/2. Water at 73.
	C. Graham	"	June 30	5	2 1/2	119	31	"	D, S	Topsoil 1; limestone 114; granite 120. Water at 119.
Digby Twp. Con II	D. O'Connell	J. Henderson	May 8	6	20	10	3	Fresh	D	Topsoil 2; grey clay sand 8; shale grey limestone 20. Water from 16 to 20.
	V. Cathcart	W.H. Baldwin & Sons	Nov. 20	6	5	50	30	"	D	Brown clay stone 18; limestone 63. Water at 60.
Eldon Twp. Con IV Con IV Con V Con V PRN PRN PRN	H. Oke	G. Hart & Sons	Sept. 28	6	5	75	30	Fresh	D	Clay 9; grey limestone 75. Water at 35.
	J. McInnis	W.H. Baldwin & Sons	July 25	6	5	48	20	"	D, S	Brown clay stone 9; limestone 48. Water at 45.
	R.J. Savage	G. Hart & Sons	Dec. 19	6				"		Shale 4; grey limestone 125. Dry hole.
	C. Bond	"	Dec. 21	6				"		Shale 4; grey limestone 190. Dry hole.
	L. Roch	J. Henderson	May 23	6	8	12	12	Fresh	D	Topsoil 1; gravel 22. Water at 22.
		W.N. Baldwin & Sons	Apr. 9	6	10	30	10	"	D	Clay 2; sand 30; gravel 34; limestone 35. Water at 34.
	F. Dyke	"	June 24	6	8	4	3	Sulphur	D	Topsoil 1; shale 3; limestone 42. Water at 42.

Emily Twp.	lot 14	D. Wilson	S. Stockdale Well Drilling Co.	Nov. 2	6	3	118	92	Fresh	D, S
Con I	" 14	E. I. Lillico	"	Nov. 6	6	7	35	30	"	D, S
Con II	" 9	S. Tully	N. N. Faulkner	Dec. 10	6	10	80	30	"	D, S
Con III	" 2	V. Wilson	J. Henderson	Apr. 20	6	18	35	20	"	D
Con III	" 7	B. Parkes	S. Stockdale Well Drilling Co.	June 23	6	16	5	Flows	"	D
Con III	" 7	A. E. Bell	"	June 29	6	16	5	Flows	"	D
Con III	" 20	A. Storey	N. N. Faulkner	Aug. 27	6	5	31	14	"	D
Con IV	" 15	G. Hewett	"	Oct. 5	6	4	116	66	"	D
Con VI	" 12	J. Taylor	J. Henderson	Apr. 9	6	18	27	15	"	"
Con VI	" 12	J. Herlikey	"	Apr. 14	6	18	8	7	"	"
Con VII	" 12	C. Vannotto	W. Sanderson	July 13	6	10	25	12	"	"
Con VII	" 14	G. Owen	J. Henderson	July 25	6	3 1/2	14	8	"	"
Con VII	" 14	"	"	July 27	6	5	15	15	"	"
Con VII	" 15	J. Henderson	W. Sanderson	June 8	6	10	45	12	Sulphur	"
Con VII	" 15	C. Shephard	J. Henderson	July 9	6	5	15	9	Fresh	"
Con VII	" 15	R. Moore	"	July 10	6	5	12	9	"	"
Con X	" 4	P. Pigott	W. Sanderson	Nov. 7	6	5	18	12	"	"
Con X	" 9	C. S. Lucas	G. Hart & Sons	Oct. 17	6	30	35	25	"	D, S
Con XII	" 20	P. Perdue	"	June 1	6	4	24	12	Fresh	S
Con XIII	" 8	E. Hone	"	Dec. 9	6					
Fenelon Twp.										
Con III	lot 25	M. Millar	G. Hart & Sons	July 24	6	5	28	7	Fresh	D
Con III	" 29	R. Weidon	C. D. Weaver	June 28	6	4	30	4	"	"
Con III	" 30	P. MacMillan	"	July 27	6	4 1/2	41	10	"	"
Con III	" 30	Dr. W. H. Spittel	J. Hart & Sons	July 25	6	4	32	10	"	"
Con IV	" 11	L. Trapp	J. Henderson	Mar. 21	6	17	32	32	"	D, S
Con V	" 6	A. Mark	"	Aug. 5	6	5	28	5	"	"
Con V	" 18	W. S. Worsley	G. Hart & Sons	Mar. 30	6	5	55	55	"	D, S
Con VII	" 4	A. McEae	W. Sanderson	Apr. 8	6	5	15	3	"	"
Con VIII	" 4	A. Wyllie	J. Henderson	May 15	6	4	24	3	"	"
Con VIII	" 4	C. Boorman	"	May 16	6	4	24	3	"	"
Con VIII	" 4	W. Henderson & E. Brown	"	May 19	6	3	25	5	"	"
Con VIII	" 5	E. Sallis	W. Sanderson	Apr. 6	6	10	12	Flows	"	"
Con VIII	" 10	E. McKay	J. Henderson	July 11	6	2	20	6	"	"
Con VIII	" 11	E. Ellison	W. H. Baldwin & Sons	June 30	6	5	3	3	"	"
Con VIII	" 14	M. Rutherford	G. Hart & Sons	Nov. 30	6	2	20	4	"	"
Con VIII	" 22	Dr. G. E. Davis	"	June 20	6	5	1	1	"	"
Con VIII	" 23	J. Harrison	"	July 22	6	4	0	Flows	"	"
Con VIII	" 32	M. Swanson	C. D. Weaver	Mar. 2	6	10	3	3	"	"
Con VIII	" 32	Dr. C. Service	J. Henderson	May 9	6	20	4	2	"	"
Con VIII	" 32	R. J. Miln	"	Dec. 16	6	6	15	2	"	"

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
VICTORIA COUNTY - cont. Fenelon Twp. - cont.	J.C. Clayton	W. Sanderson	Aug. 24	6	4	45	12	Fresh	D	Old dug well 12; clay stone 46; limestone 52. Water at 52.
	Con IX lot 6	C. Hart & Sons	May 12	6	5	36	22	Sulphur	D	Clay gravel 45; grey limestone 63. Water at 63.
	Con IX	P. Babr	June 5	6	4	36	4	"	D	Clay stones 8; grey limestone 36. Water at 36.
	Con IX	W. Avery	Sept. 28	6	2	13	3	Fresh	D	Drilled well 30; red granite 40. Water at 40.
	Con IX	C.D. Weaver	Nov. 1	6	15	5	3	"	D	Brown clay 30; white sandstone 16; red granite 40. Water at 40.
	Con X	W. Sanderson	June 10	6	2	45	13	"	D	Topsoil 2; clay 6; limestone 50. Water at 50.
	Con X	G. McBeth	Aug. 12	6	4	40	16	"	D	Clay 3; grey limestone 40. Water at 40.
	Con X	B. Fowles	Aug. 10	6	2	16	16	"	D	Sand 23; clay stones 32; red gravel 34. Water at 34.
	Con X	B. Greenway	Aug. 5	5	3	52	37	"	D	Gravel sand 59; blue clay stones 65; coarse gravel 67; limestone 75. Water at 67 and 75.
	Con XI	P. Knowlson	Aug. 21	5	3	52	37	"	D	Clay stones 15; limestone 55. Water at 55.
	Con XI	B. Combes	Aug. 29	6	1	55	29	"	D	Clay stones 15; limestone 55. Water at 55.
Fenelon Falls	W. Liscombe	W.H. Baldwin & Sons	Mar. 24	6	14	6	3	Fresh	D	Topsoil 2; shale 5; limestone 15. Water at 4.
	W. Woodcock	G. Hart & Sons	May 7	6	1 1/2	33	7	Sulphur	D	Shale 4; grey limestone 33. Water at 25 1/2.
Lexton Twp. Con II	K. LaPoint	W.H. Baldwin & Sons	Apr. 1	6	10	38	10	Fresh	D	Clay 6; slate 8; limestone 38. Water at 30.
	Con IV	C. Bailey	Oct. 29	6	10	35	28	"	D, S	Dug well 30; limestone 38. Water at 38.
	Con VI	J. Gill	Apr. 15	6	10	30	15	"	D	Shale limestone 10; limestone 46. Water at 25.
	Con VII	E. Pickle	July 4	6	20	17	16	"	D	Topsoil 2; clay stones 5; limestone 26. Water from 20 to 26.
	Con XI	L. Mackie	July 23	6	1 1/2	20	17	"	D	Topsoil 2; gravel sand 11; limestone 36. Water from 34 to 36.
	Con XI	E. Moncur	July 20	6	10	14	14	"	D	Topsoil 2; stones clay 7; shale 23. Water from 12 to 23.
Mariposa Twp. Con A	G. Starr	J. Henderson	June 18	6 1/2	2	21	21	Fresh	D, S	Dug well 24; coarse sand gravel 32. Water at 32.
	Con A	L. Snoddon	Nov. 26	6	26	14	14	"	D, S	Dug well 26; blue clay stone 50; coarse gravel 52. Water at 52.
	Con I	L. Hawkins	Aug. 18	6	3	105	33	"	D, S	Clay stones 78; red sand 94; clay stones 115; gravel 120. Water at 120.
	Con I	J. Henderson	Dec. 19	6	10	38	20	"	D	Dug well 55; blue clay stones 103. Water at 103.
	Con II	C. Gilson	Sept. 18	6	48	28	20	"	D	Clay stones 75. Water at 50.
	Con III	E. Pound	Nov. 23	6	100	40	28	"	D, S	Clay stones sand 100. Water at 60.
	Con IV	G. Correll	Feb. 27	6	15	12	12	"	D	Sandy clay 35; fine gravel 40. Water at 25.
	Con V	J. Brown	Dec. 22	6	40	12	44	"	D, S	Dug well 20; loam clay 58; gravel boulders 82. Water at 80.
	Con VI	L. Short	Feb. 14	6	10	47	22	"	D, S	Dug well 34; grey clay gravel 38. Water from 55 to 58.
	Con VI	L. Morrison	May 13	6	4	28	13	"	D, S	Clay 11; grey limestone 46. Water at 46.
	Con VI	S.S. " 19	Dec. 12	6	3	25	9	"	D, S	Stoney grey clay 18; limestone 53; granite 34. Water from 20 to 34.
	Con VII	E. King	July 27	6	5	18	9	"	S	Grey clay boulders 10; grey shale 11; limestone 20. Water from 9 to 20.
	Con VII	M. Mason	July 27	6	15	8	8	"	S	Dug well 9; shale 36. Water at 36.
	Con VII	Webster	Nov. 17	6	12	18	14	"	D, S	"
	Con VIII	Bros.	June 2	6	5	43	33	"	D	Stoney grey clay 30; heavy sandy clay 72. Water at 63.
	Con VIII	C.H. Parfroy	June 24	6	1	47	34	"	D	Dug well 38; fine sand 47. Water from 38 to 47.
	Con VIII	V. Varcoe	Sept. 24	6	40	8	3	"	D	Topsoil 2; shale grey limestone 32. Water at 32.
	Con VIII	J. Anderson	Nov. 23	6	5	31	4	"	D	Clay 6; shale 11; grey limestone 35. Water at 35.
	Con VIII	G. Hart & Sons	Nov. 23	6	5	31	4	"	D	"

VICTORIA COUNTY - cont.

Mariposa Twp. - cont.		G. Hart & Son		Dec. 17		6		4 1/2		50		22		Fresh		D,S	
Con IX	lot 1	R. Short	J. Henderson	Nov. 17	6	6	10	35	18	35	18	18	18	"	"	D,S	Sandy clay 32;sand 35;blue clay stones 50. Water at 35.
Con IX	" 7	M. Johnston	J. Henderson	Nov. 17	6	6	15	23	12	23	12	12	12	"	"	D,S	Dug well 20;grey clay-coarse sand 48. Water at 48.
Con IX	" 23	J. Maunder	C.D. Weaver	May 7	6	6	4	23	4	23	4	4	4	"	"	D	Brown clay 17;limestone 85. Water at 85.
Con XI	" 6	M. Anderson	J. Henderson	Dec. 4	6	6	6	70	18	70	18	18	18	"	"	D,S	Topsoil 2;yellow clay stones 22;grey clay gravel 31. Water from 30 to 31.
Con XI	" 7	H. Chambers	"	Nov. 12	6	6	6	6	6	6	6	6	6	"	"	D,S	Topsoil 2;yellow clay stones 23;grey clay stones 66;shale grey limestone 86. Water from 70 to 86.
Con XII	" 5	W. McKague	"	July 31	6	6	6	55	51	55	51	51	51	"	"	D,S	Dug well 31;clay stone 43;limestone 86. Water from 80 to 86.
Omenee Vlg.	Omenee	G. Hayes	W. Sanderson	July 1	6	6	40	20	5	20	5	5	5	Fresh	"	D	Topsoil 2;clay 60;gravel shale 62. Water at 62.
		W.H. Magee	"	Sept. 22	6	6	40	30	13	30	13	13	13	"	"	D	Old dug well 13;clay 42;gravel 43. Water at 43.
Omenee		J. Murphy	"	Sept. 24	6	6	40	20	8	20	8	8	8	"	"	D	Old dug well 12;clay 38;gravel 40. Water at 40.
Ops Twp.	Con I	J. Graham	J. Henderson	Oct. 14	6	6	6	75	20	75	20	20	20	Fresh	"	D,S	Blue clay 20;shale 105. Dry hole.
		"	"	Oct. 15	6	6	3	3	3	3	3	3	3	Fresh	"	D,S	Blue clay 18;shale 180. Dry hole.
Con I	" 24	"	"	Oct. 19	6	6	6	6	6	6	6	6	6	"	"	D,S	Blue clay 16;shale 82. Water at 30.
Con I	" 25	H. Otens	G. Hart & Sons	Dec. 12	6	6	6	23	12	23	12	12	12	"	"	D	Clay stones 16;shale 22;grey limestone 60. Dry hole.
Con I	" 25	"	"	Dec. 12	6	6	6	6	6	6	6	6	6	"	"	D	Clay stones 16;shale 22;grey limestone 35. Water at 22.
Con II	" 24	K. Graham	J. Henderson	Oct. 3	6	6	6	6	6	6	6	6	6	"	"	D	Topsoil 2;yellow clay stones 20;shale grey limestone 75. Dry hole.
Con II	" 24	"	"	Oct. 11	6	6	3	80	23	80	23	23	23	Fresh	"	D,S	Topsoil 2;yellow clay stones 21;shale grey limestone 87. Water at 45.
Con III	" 20	Bagshaw Lumber	"	July 15	8	8	20	70	4	70	4	4	4	"	"	In	Topsoil 2;clay 102;gravel 105. Water at 105.
Con III	" 21	S.J. Targan	"	Sept. 16	6	6	12	11	6	11	6	6	6	"	"	P	Topsoil 2;yellow clay sand 12;coarse sand gravel 17. Water at 17.
Con IV	" 23	Penroad Dev.	"	Aug. 27	6	6	25	25	13	25	13	13	13	"	"	D	Topsoil 2;yellow clay stone 38;coarse gravel 39. Water at 39.
Con IV	" 23	"	"	Sept. 1	6	6	20	23	13	23	13	13	13	"	"	D	Topsoil 2;yellow clay stone 37;coarse gravel 38. Water at 38.
Con IV	" 23	"	"	Sept. 14	6	6	20	26	24	26	24	24	24	"	"	D	Topsoil 2;yellow clay stone 40;coarse gravel 42. Water at 42.
Con IV	" 23	"	"	Sept. 22	6	6	6	6	6	6	6	6	6	"	"	D	Topsoil 2;yellow clay stones 18;yellow clay gravel 53;shale grey limestone 110. Dry hole.
Con IV	" 23	"	"	Nov. 2	6	6	3	30	20	30	20	20	20	Fresh	"	D	Topsoil 2;yellow clay stone 54;shale 60. Water at 60.
Con IV	" 23	"	"	Nov. 7	6	6	8	32	11	32	11	11	11	"	"	D	Topsoil 2;yellow clay sand 14;grey clay coarse gravel 45. Water at 45.
Con IV	" 26	B. Seymour	C.D. Weaver	July 31	6	6	4	85	40	85	40	40	40	"	"	C	Clay boulders 15;limestone 87. Water at 85.
Con V	" 24	L. Jennings	"	Jan. 17	6	6	10	15	15	15	15	15	15	"	"	D,S	Topsoil 3;clay 23;limestone 80. Water at 80.
Con VI	" 13	R. Lee	W. Sanderson	Mar. 10	6	6	10	10	3	10	3	3	3	"	"	C	Grey clay 24;grey limestone 34. Water at 34.
Con VI	" 14	Dept. Highways	C. Goodberry Well Drilling Ltd.	Feb. 27	7	7	8	45	6	45	6	6	6	"	"	C	Brown clay 16;broken limestone 22;grey limestone 50. Water at 44.
Con VI	" 16	W. Roblin	W. Sanderson	Aug. 20	6	6	8	20	12	20	12	12	12	Sulphur	"	D	Topsoil 2;clay stones 26;limestone 32. Water at 32.
Con VI	" 18	Lyn Park Motel	"	Mar. 10	6	6	10	10	2	10	2	2	2	Fresh	"	P	Clay pebbles 24;grey limestone 34. Water at 34.
Con VII	" 23	H. Hancock	"	Aug. 27	6	6	8	15	8	15	8	8	8	"	"	D	Topsoil 2;clay stones 23;limestone 27. Water at 27.
Con VII	" 21	H. Jackson	"	Mar. 25	6	6	6	6	6	6	6	6	6	"	"	D	Grey clay 100;quicksand 124. Dry hole.
Con VIII	" 21	B. Rogers	"	Oct. 7	6	6	3	12	10	12	10	10	10	Fresh	"	P	Brown clay 12;grey clay 27;grey limestone 36. Water at 27.
Con IX	" 11	B. Morden	G. Hart & Sons	Apr. 1	6	6	20	19	9	19	9	9	9	"	"	D	Clay stone 47;gravel 49. Water at 48.
Con IX	" 18	G. Devins	G. Hart & Sons	Jan. 15	6	6	65	3	3	65	3	3	3	"	"	D,S	Dug well 23;clay gravel 33. Water at 33.
Con XI	" 3	G. Ingie	N.N. Faulkner	Jan. 21	6	6	4	54	22	54	22	22	22	"	"	D,S	Dug well 24;sand gravel 42;grey clay stones 58;coarse sand gravel 64. Water at 64.
Con XI	" 5	R. Bell	"	Jan. 28	6	6	5	30	8	30	8	8	8	"	"	D,S	Dug well 19;grey clay stones 36;grey shale 42. Water from 36 to 42.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>VICTORIA COUNTY - cont.</b>										
Somerville Twp.										
lot 12	G. Gransden	G. Hart & Sons	Jan. 20	6	2	43	21½	Fresh	D,S	Dug well 26; clay gravel 43. Water at 36.
Con I	F. Hamerman	"	May 26	6	10	7	3	"	D	Mixed sandy clay 20; gravel 24. Water at 24.
Con II	J. Immler	"	Apr. 8	7	2	18	3	"	D	Dug pit 4; limestone 18. Water at 18.
Con III	R.H. Wilson	"	Aug. 25	5	10	8	8	"	D	Sand 43. Water at 43.
Con VI	R. Walburn	J. Henderson	Dec. 16	6	3	60	12	"	D	Topsoil 2; clay stones 4; grey granite 44; green granite 62; red granite 70. Water from 58 to 70.
Con VI	D. Steele	"	May 8	6	15	21	18	"	D,S	Topsoil 2; clay sand 15; shale grey limestone 33. Water from 30 to 33.
Con VII	G. Montgomery	C.D. Weaver	Sept. 5	6	1	90	30	"	C	Brown clay 3; blue clay boulders 91; gravel. Water at 90.
Con VII	Dr. J.B. Kuback	G. Hart & Sons	Sept. 22	6	2	86	27	"	C	Clay stone 10; limestone 28; red sandstone 80; red granite 86. Water at 27.
Con VII	E. Williams	C.D. Weaver	May 20	6	5	30	2	"	D	Topsoil 1; clay boulders 20; fine gravel sand 50; coarse gravel 51. Water at 51.
Con VIII	E. Henderson	J. Henderson	May 1	6	20	4	1	"	D	Red sand 6; granite 25. Water at 25.
Con VIII	C.H. Dore	G. Hart & Sons	Aug. 1	6	4½	45	2	"	D	Clay stones 28; stone 42; red granite 47. Water at 47.
Con XIV	J.E. Taylor	J. Henderson	May 5	6	3½	35	2	"	D,C	Topsoil 2; sand fill 11; blue granite 41. Water from 36 to 41.
Con XIV	J. Austin	"	Oct. 27	6	2	5	Flows	"	D	Topsoil 2; sand gravel 3; grey granite 19. Water at 19.
Con XIV	B. Prohm	M.H. Baldwin & Sons	June 25	6	10	34	5	"	D	Topsoil 1; clay boulders 15; granite 24. Water at 25.
Con XIV	E. Ball	G. Hart & Sons	May 1	6	11	40	12	"	D	Clay stones 28; grey limestone 40. Water at 35.
F.R.	A. MacIntosh	"	June 1	6	1½	23	3	"	D	Clay boulders 3; gravel 35. Water at 35.
F.R.	M. Robinson	"	June 18	6	4	23	3	"	D	Clay stones 7; gravel 28. Water at 28.
F.R.	O. Adams	"	June 15	6	4	24	2½	"	D	Clay stones 22; gravel 56½. Water at 26½.
F.R.	R. Haven	"	June 17	6	4	13	12	"	D	Clay stones 32; gravel 36. Water at 36.
F.R.	G. Haxby	"	May 21	6	5	11	11	"	D	Clay boulders 42; gravel 44. Water at 44.
<b>Verulam Twp.</b>										
lot 13	H. Arscott	G. Hart & Sons	May 14	7	2½	25	25	Fresh	D	Gravel 29; grey limestone 20. Water at 29.
Con I	S.S.# 11	"	Nov. 16	6	1	20	9	"	P	Brown clay 18; limestone 26. Water at 20.
Con I	E. Brandon	"	Jan. 28	6	15	110	26	"	S	Dug well 26; limestone 110. Water from 50 to 75 and 100.
Con II	A. Fernley	J. Henderson	May 20	6	3½	34	4	"	S	Topsoil 2; gravel clay stones 7; shale 10; grey limestone 42. Water from 35 to 42.
Con II	S. McLaren	"	June 16	6	6	20	20	Sulphur	P	Topsoil 3; clay stone 8; limestone 82. Water at 82.
Con II	L. Wintercon	G. Hart & Sons	May 11	6	2½	17	17	Fresh	D	Gravel 22. Water at 22½.
Con II	A. Geddis	"	June 11	6	4	20	20	"	D	Gravel stones 28. Water at 28.
Con II	G. Clark	"	June 12	6	4	20	20	"	D	Gravel stones 28. Water at 28.
Con II	G. Finney	J. Henderson	June 6	6	5	20	15	"	D	Topsoil 1; gravel stone 25. Water at 25.
Con II	D. Mercer	"	June 8	6	5	20	16	"	D	Topsoil 1; gravel 25. Water at 25.
Con II	C. Burton	"	June 10	6	8	17	22	"	D	Topsoil 1; gravel 26. Water at 26.
Con II	M. Sawditch	"	June 11	6	8	22	22	"	D	Topsoil 2; gravel sand 28; gravel shale 38. Water from 29 to 38.
Con II	G. Shewan	"	June 19	6	4	22	22	"	D	Topsoil 1; sand gravel 39. Water at 39.
Con II	P.K. Stevens	G. Hart & Sons	Nov. 2	6	3	22	14	"	D	Gravel 36. Water at 36.
Con III	W. Wakelin	J. Henderson	Apr. 23	7	18	38	17	"	D	Grey clay stones 15; limestone 42. Water at 42.
Con III	W. Thurston	G. Hart & Sons	June 7	6	3	24	15	"	D	Brown clay 4; grey shale 23. Water at 23.
Con III	B. Bingleman	"	June 7	6	2½	17	17	"	C	Brown clay stones 20; limestone 24. Water from 21 to 24.
Con III	R. Kimble	J. Henderson	Aug. 29	6	2	49	0	"	D	Topsoil 2; clay stone 7; shale 55. Water at 49.
Con III	W. Wakeline	"	Sept. 24	6	5	28	16	"	D	Brown clay stone 16; shale 58. Water at 58.
Con III	D. Thomas	G. Hart & Sons	Feb. 25	6	3½	9	8	"	S	Dug well 10; grey clay stones 20; grey limestone 28. Water at 20.
Con IV	B.M. Robertson	J. Henderson	July 3	6	3½	14	3	"	N	Topsoil 2; sand clay 12; sand gravel 20. Water at 20.
Con IV	E. Kennedy	"	Sept. 13	6	6	67	67	Sulphur	N	Clay stone 10; shale 50.
Con IV	"	"	Sept. 13	6	6	67	67	"	N	Clay gravel 10; shale 42.
Con IV	"	"	Sept. 13	6	6	67	67	"	N	Clay gravel 10; shale 42.





# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Galt -cont. Galt	P.U.C. Galt	International Water Supply Ltd.	Apr. 8	10	358	89	67	Fresh	T 3-59	Topsoil 1; brown clay 3; brown clay gravel boulders 16; gravel boulders 32; sandy clay gravel 49; red sandy clay 8; silty sand 93; sand gravel 95; fine sand 11; broken brown limestone sand 120; brown gravel limestone sand 145; grey brown limestone 175; brown grey limestone 240; grey limestone 260. Water at 95 and from 235 to 240.
Galt	"	"	Oct. 8	12	461	107	67	"	T 4-59	Topsoil 1; hard clay 3; coarse gravel clay 17; coarse sand gravel 25; silty red sand 54; clay 67; silty sandy clay 78; coarse gravel clay 85; boulders coarse gravel sand clay 93; brown limestone 162; white limestone 182; bluish grey limestone 198; grey limestone 249; white limestone 269; light grey limestone 271. Water at 184 and 213.
Galt	A. Smith & C. Thompson	J.L. Graham	Dec. 24	5	15	60	52	"	D	Clay stones 40; gravel sand 64; sandy clay 74; gravel 77; sand clay 90; cemented gravel 97; light blue white limestone 112. Water from 98 to 112.
Hespeler	C. Mead	J.L. Graham	Aug. 31	4	3	60	52	Fresh	D	Dug well 36; gravel 45; hardpan 52; brown rock 108; blue rock 114. Water from 108 to 114.
Kitchener	C. Zepf	E. McLaughlin & Sons	Jan. 27	5	30	40	23	Fresh	D	Dug well 10; gravel sand 18; hardpan 50; sand 56; gravel 59; hardpan 82; clay 118; hardpan 174; gravel 178. Water at 56 and 178.
Kitchener	O. Thompson	"	Jan. 31	5	25	85	75	"	D	Dug well 25; sand 31; clay hardpan 85; quicksand 88; clay 142; hardpan 170; gravel 177. Water at 177.
Kitchener	Chicopee Cash & Carry Lumber Co.	"	Feb. 25	5	30	70	53	"	C	Hardpan 26; clay 70; hardpan 142; sand 150; fine gravel 152; coarse gravel 159. Water at 159.
Kitchener	Dr. D. Wyse	"	May 26	5 1/2	25	40	15	"	D	Topsoil 1; hardpan 42; clay 67; fine sand silt 90; fine quicksand 110; coarse quicksand 115. Water at 115.
North Dumfries Con VII	P. Follings	L.C. Shantz	July 15	5	12	38	35	Fresh	D.S	Dug well 38; silty sandy clay 126; clay 128; gravel sand 136. Water from 128 to 136.
Con VIII	S. Stuehler	S. Gail	Oct. 8	6	15	120	100	"	D	Clay 25; fine sand clay 150; gravel 153. Water at 153.
Con IX	S. G. Brunsten	E. Sander	Sept. 8	5	13	25	20	"	D	Clay 6; boulders clay 8; clay stones 106; grey limestone 123; brown rock 129. Water from 123 to 129.
Con IX	L. Exelby	J.L. Graham	May 5	5	10 1/2	65	60	"	D	Dug well 61; fine sand 93; grey clay 96; silt clay 147; clay small stones 150; grey rock 170; brown rock 183. Water from 170 to 183.
Con IX	I. Dias	L.C. Shantz	Nov. 27	4	10	136	130	"	D	Topsoil 2; clay boulders 28; red sandy clay 72; silty sandy clay 105; fine sand 120; silty sandy clay 172; grey rock 240. Water at 236.
Con X	B. Robinson	S. Gail	Oct. 14	6	5	50	25	"	D	Sandy large stones 40; fine sand 75; gravel 82. Water at 82.
Con X	J.A. Slater	W. Packham	July 25	7	15	70	58	"	D	Dug well 36; sandy clay 115; silty blue clay 170; clay 190; sand gravel 194; limestone 196. Water at 194.
Con XI	W. Krug	L.C. Shantz	Aug. 7	5	6	68	23	"	D	Dry gravel 35; silty sandy clay 43; gravel clay 47; silty sandy clay 76; sand 82. Water from 76 to 82.
Con XI	S. Burgess	"	Sept. 10	5	10	32	28	"	D	Gravel 28; gravel sand 40. Water from 76 to 82. 28 to 40.

North Dumfries Twp - Con XI	lot 29	G. Gantz	L. C. Shantz	Nov. 27	5	10	62	32	Fresh	D, S	Dug well 32; cemented gravel 76; silty sandy clay gravel 121; gravel sand 130. Water from 121 to 130.
		G. Gyurits		Apr. 22	5	12	40	36	"	D, S	Topsoil 1; gravel clay 36; coarse gravel sand 50. Water from 36 to 50.
Con XII	" 5		"	July 20	5	10	38½	34	"	D	Well pit 5; silty sandy clay 56; silty sand 60; silty sandy clay 86; clay gravel streaks 100; silty clay 120; gravel sand 130. Water from 120 to 130.
Con XII	" 22	D. Page		Aug. 14	4	6	135	100	"	D	Gravel boulders 11; sand 60; fine sand stones 68; gravel sand large stones 75; gravel sand 107; grey rock 190; light brown rock 234. Water from 200 to 234.
GRS Con VIII	" 2	N.O. Hipel	J.L. Graham	Feb. 27	4	10	70	50	"	D	Clay boulders 31; clay 58; gravel boulders 68; limestone 98. Water from 90 to 98.
GRS Con IX	" 1	K. McIlloch	C. & H. Kerr	Feb. 27	4	6	115	24	"	D	Silty sand 65; stony clay 97; light grey rock 202½. Water at 200.
GRWS Con VIII	" 2	"	F. Paetz	Jan. 10 Oct. 30	6 10	15 45	6 155	4 29	Fresh "	D In	Fill 7; grey limestone 27. Water from 24 to 27. Gravel stones 24; broken rock 26; grey limestone 47; blue limestone 281; gypsum 283. Water at 47.
Preston Preston		G. Winwood Kayson Rubber & Plastic Ltd.	L. C. Shantz I. Lounsbury	Apr. 8	7	30	80	56	Fresh	C	Concrete well pit 5; hardpan 26; clay 60; hardpan 84; sand gravel 90; gravel 92. Water at 92.
Waterloo		Commercial Lease Holders Co. Ltd.	E. McLaughlin & Sons	May 22 May 5	6 6	18 20	25 39	20 34	Fresh "	D D	Topsoil 1; sand 9; clay sand streaks 21; hardpan 85; sand 92; gravel 94. Water at 94. Topsoil 1; clay 6; sand 12; clay sand streaks 43; boulders hardpan 57; gravel 59. Water at 59.
Waterloo Twp. BT	lot 2	C. Fisher	E. McLaughlin & Sons	Apr. 15	5	12	14	11½	"	D, S	Topsoil 1; gravel 12; clay gravel 54; gravel sand 64. Water from 54 to 62.
BT	" 7	G. Kumer	L. C. Shantz	June 8	5	20	40	25	"	D	Topsoil 1; sand 9; clay 45; hardpan 73; quicksand 80; hardpan clay streaks 110; shale 120; gravel 122. Water at 120.
BT	" 9	M. Wright	E. McLaughlin & Sons	June 23	5	5	87	82	"	D	Loam 2; medium fine sand 7; sand stone 12; grey clay stones 32; grey clay gravel 115; coarse gravel 117. Water at 117.
BBF	" 10	H. George	L. C. Shantz	Mar. 17	5	12	93½	92	"	D	Dry gravel boulders 56; clay gravel 116; gravel sand clay streaks 121; cemented gravel 168; grey limestone 180. Water from 116 to 121.
BBF	" 10	C. Barsony	N. Steinmen	Sept. 29	5	8½	119	114	"	D	Sand 42; clay 91; hardpan 152; gravel hardpan 167; fine gravel 168. Water from 167 to 168.
BBF	" 10	J. Sander	E. McLaughlin & Sons	Dec. 11	7	17	130	124	"	D	Coarse gravel clay 12; medium to coarse sand 34; small to medium stones clay 4; hardpan 78; blue clay 107; hardpan 119; blue clay 159; coarse sand stones 172; medium to coarse gravel 176. Water from 159 to 172 and 172 to 176.
BBF	" 12	J. Parker	"	Apr. 21	5	15	40	35	"	D	Topsoil 1; coarse gravel 22; hardpan 45; clay stones 66; hardpan boulders 89; shale 102. Water from 92 to 102.
BBF	" 14	K.H. Dunn	"	Apr. 27	6	18	68	63	"	D	Topsoil 1; medium to coarse sand 40; blue clay 65; hardpan 75; blue clay 82; hardpan 93; medium gravel 98. Water from 93 to 98.
BBF	" 23	Howloyds Ltd.	L. C. Shantz	May 8	6½	12	57	55	"	P	Sandy clay 16; boulders clay 20; silty sand 53; clay gravel 61; cemented gravel 118; grey rock 132. Water from 120 to 132.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. BBF lot 27	J. Straus	E. McLaughlin & Sons	June 22	6	20	66	58	Fresh	D	Dug well 4; hardpan boulders 45; hardpan sand streaks 87; gravel 88. Water at 88.
BLB Con I " 9	T. Lacey	R. Graham	Sept. 22	5	10		2	Sulphur	D	Topsoil 1; fine sand 41; light brown limestone 121; light grey limestone 35; medium brown limestone 50; light grey limestone 90. Water from 60 to 90.
BOS " 3	J. Math's Ltd.	J. L. Graham	July 14	4	10	18	8	"	P	Sandy clay 6; gravelly 18; stoney hardpan 21; hard blue rock 36; Water from 30 to 36.
BOS " 10	H. Keeler	L. C. Shantz	Oct. 1	5	14	34	25	Fresh	D	Topsoil 1; clay gravel 14; clay 43; clay gravel 89; greyish brown rock 96. Water from 90 to 96.
GCT " "	J. & W. Harder	E. McLaughlin & Sons	July 10	6	20	68	57	"	D	Topsoil 1; clay sand 23; hardpan 36; blue clay 71; clay sand 78; blue clay 122; coarse sand 132; medium gravel 138. Water from 122 to 132.
GCT " 32	J. Klein	"	Oct. 8	5	5	180	95	"	D, S	Topsoil 1; sand clay streaks 38; sand 124; quicksand 159; clay 205; clay sand 210; coarse sand 215. Water at 208.
GCT " 33	Dr. D. L. A. Bastedo	"	May 8	5	30	80	50	"	D	Sand 3; hardpan 48; clay 110; hardpan 154; quicksand 212; gravel 215. Water at 215.
GCT " 34	Kitchener Water Comm	International Water Supply Ltd.	Feb. 18	5				"	T	Topsoil 1; sandy brown clay 5; grey clay gravel 19; grey clay 83; packed fine sand 91; packed sand clay gravel 174; 123; packed sand gravel clay 140; packed sand clay gravel 174; gravel packed gravel sand clay 182; cemented gravel sand clay 188; hard packed sand gravel 250; clay cemented streaks rock 251.
" " 34	"	"	Feb. 27	5				"	T	Topsoil 1; brown clay 12; grey clay 19; grey clay gravel 36; grey clay 66; grey clay sand gravel 91; grey clay 115; packed sand clay 141; hard packed gravel sand clay 170; cemented gravel sand clay 182; hard packed sand clay 213; cemented sand gravel clay 228; packed gravel sand clay 234; hard packed sand gravel clay 272; cemented streaks rock.
" " 34	"	"	Mar. 6	5				"	T	Topsoil 1; brown clay 10; gravel sand clay 36; clay gravel clay gravel 129; packed sand clay 146; grey clay 168; hard grey clay gravel 183; hard packed gravel 228; sand clay cemented streaks hard packed sand clay 260; cemented gravel sand clay 271.
" " 35	"	"	Feb. 3	5				"	T	Topsoil 1; sandy loam boulder 7; grey clay gravel 50; silty sand clay 104; sandy grey clay 128; hard grey clay gravel 199; cemented gravel sand boulders 141; sand boulders clay 209; rock 210.
" " 35	"	"	Feb. 6	5				"	T	Topsoil 1; sandy loam boulders 6; packed sand gravel boulders 24; packed fine sand 88; hard packed fine sand fine gravel 113; sandy grey clay 135; cemented gravel sand clay 138; cemented sand gravel clay 150.
" " 35	"	"	Feb. 11	5				"	T	Topsoil 2; brown clay gravel boulders 10; grey clay gravel 26; fine sand silt 74; packed fine sand silt 92; hard packed sand gravel clay 114; cemented sand gravel clay 141; cemented gravel sand clay 153.
GCT " 35	R. Gille Kitchener Water Comm.	W. A. Schmeer International Water Supply Ltd.	June 17 Mar. 18	2 2	5 5	18 85	4 85	Fresh "	D T 7-59	Blue clay 84; coarse pea gravel 87. Water at 87. Topsoil 1; sandy brown clay 9; grey clay 21; packed sand clay 59; brown clay sand 81; hard packed gravel 84; sand clay gravel sand tight clay 90; packed gravel sand clay 97; cemented gravel sand clay 114; packed sand gravel clay 168; grey clay 204.

GCT	"	38	O. Dubrick Kitchener Water Comm. Ltd.	C. & H. Kerr International Water Supply Ltd.	Apr. 29 July 23	5 2	7 101	137 89	111 89	Fresh "	D T 8-59	Dug well 12; clay 85; gravel 86; clay 135; coarse sand 142. Water from 135 to 142. Fill 3; sandy loam 10; brown clay 24; sandy grey clay 33; grey clay gravel 39; packed sand clay 61; brown clay gravel 88; hard packed gravel 92; sand clay packed gravel sand clay 101; packed sand 106; gravel clay packed gravel sand clay 112; cemented gravel sand clay 115; packed gravel sand clay 164; grey clay 193; hard grey clay gravel 204; Water at 88. Sand 6; brown clay 17; blue clay gravel 26; boulders 27; fine sand 29; blue clay gravel 43; brown clay gravel 72; sandy clay gravel 74; brown clay gravel 86; boulders gravel sand 103; hard packed gravel 126; boulders sand 136; sandy blue clay gravel 151; sand gravel clay 163; hard blue clay 175; clay gravel 181; Water at 81. Brown clay gravel boulders 3; grey clay gravel 12; blue clay 21; sandy blue clay 39; sandy blue clay streaks gravel 46; sand gravel boulders 59; fine sand packed gravel 65; blue clay hard streaks gravel 133; sandy blue clay hard packed gravel 186; sandy clay gravel boulders 188; sandy clay gravel 207; cemented sand gravel 213; sandy grey clay hard packed gravel 233; blue clay 239; gravel boulders sand clay 243; grey brown blue sandy clay hard packed gravel 255; sandy blue hard packed clay 277; cemented sand gravel 278; blue shale 288.
GCT	"	39	"	"	Nov. 12	7	116	97	90	"	T 19-59	Topsoil 2; brown clay boulders 11; blue clay 19; packed fine sand clay 46; packed fine sand clay streaks gravel 71; gravel sand boulders 86; sandy blue clay gravel streaks 92; hard blue clay 114; blue clay streaks gravel 135; sandy hard clay 142; sandy clay hard packed gravel 150; packed sand clay gravel streaks 184.
GCT	"	45	H. Brown	E. McLaughlin & Sons International Water Supply Ltd.	July 28	7	25	40	28	"	D 21-59	Topsoil 1; sand 22; quicksand 24; hardpan 45; sand 50; gravel 52. Water at 52.
GCT	"	46	Kitchener Water Comm. Ltd.	"	Nov. 27						T 20-59	Brown soft sandy clay 5; brown clay 14; blue clay streaks gravel boulders 27; sandy blue clay gravel 41; gravel sand clay 42; sandy clay 50; packed sand gravel clay 64; sandy clay 78; blue clay 88; sand gravel 91; hard blue clay 117; sandy blue clay gravel 127; blue clay 134; sandy clay gravel boulders 165; sandy clay gravel boulders 180; sandy grey clay packed gravel 196; sandy grey clay gravel streaks 214 sandy hard packed clay 219.
GCT	"	47	T. Warren	E. McLaughlin & Sons International Water Supply Ltd.	Apr. 27	6	15	24	16	Fresh	D	Brown clay gravel 14; blue clay gravel 21; gravel boulders sand 42; sandy red clay 76; blue clay 103; hard blue clay 116; cemented sand gravel 117; hard blue clay 120; sandy clay gravel 128; sandy clay 139; sandy clay gravel 146; hard packed sandy clay gravel 159; cemented sand gravel 160; sand boulders 180; clay hard packed sandy clay gravel 199; hard packed sandy clay gravel 204; packed fine sand 216; sandy blue hard clay 244; sandy clay gravel boulders 248; sandy clay gravel streaks 265; sandy clay gravel boulders 266; sandy clay gravel boulders 277; cemented sand gravel 278. Water at 180.
GCT	"	47	"	"	Dec. 11	2	12	99	85		T 22-59	Dug well 18; hardpan 22; blue clay 41; hardpan 74; medium hard blue shale 87. Water from 74 to 87.
GCT	"	58	C. Bauer	E. McLaughlin & Sons	Sept. 3	6	35	15	9	Sulphur	D	

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY -cont. Waterloo Twp.- cont. GCT	J. Bauer	E. McLaughlin & Sons	Sept. 24	5	150	Flows	Flows	Sulphur	D	Topsoil 1; clay sand 35; clay 72; hardpan 85; clay 115; sand clay 127; hardpan 176; medium hard brown limestone 187. Water from 183 to 117.
GCT	B. Landers	"	July 11	5	18	95	85	Fresh	D	Topsoil 1; gravel sand streaks 6; sand clay 21; clay 40; boulders clay 43; clay hardpan 98; hardpan 132; clay hardpan 150; sand 154; gravel 158. Water at 158.
GCT	D. Klassen	"	Feb. 4	7	25	85	72	"	D, S	Topsoil 1; clay medium stones, large boulders 6; sand brown clay 20; clay 68; large boulders 30; blue clay 53; quicksand 57; hardpan 168; hard brown limestone 180; water from 168 to 180.
GCT	L. Bechtel	L. C. Shantz	Dec. 18	5	8	46	33	"	D, S	Clay gravel 12; clay gravel boulders 16; clay gravel 33; clay boulders 38; clay gravel 58; dirty gravel sand 72. Water from 58 to 72.
GCT	I. J. Gingerick	O. H. Gow	Oct. 8	4	20	42	34	"	D, S	Clay boulders 70; loose brown limestone 84; grey limestone 190. Water from 120 to 190.
GCT	C. Prong	"	Sept. 24	4	10	54	33	"	D, S	Clay boulders 65; gravel 71; limestone 190. Water from 65 to 71 and from 160 to 190.
GCT	J. E. Seagram & Sons Ltd.	International Water Supply Ltd.	Mar. 20	2	33		Flows	"	T	Muck old wood 5; sand gravel 18; gravel boulders sand 43; blue clay streaks sandy blue clay gravel 49; hard packed blue shale 55. Water at 5.
GCT	G. Cardinal	Sauder Well Drilling	July 23	6½	16	77	20	"	D, S	Topsoil 2; brown clay stones 20; blue clay 30; yellow sand 35; quicksand 57; coarse sand 40; blue clay 90; sandy brown clay shale 100; brown hard rock 126; limestone 146; rock 152. Water from 146 to 152.
GCT	J. E. Seagram & Sons Ltd.	International Water Supply Ltd.	Mar. 20	2			2½	"	T	Topsoil 1; mucky clay boulders 6; brown clay gravel boulder 15; hard packed silty sand gravel clay odd cemented streaks 35; sand fine gravel clay 47; sand gravel 55; sand gravel clay 60; cemented sand gravel clay 72. Water at 55.
GCT	"	"	Mar. 21	2	35	20	0	"	T	Topsoil 2; gravel clay boulders 15; hard packed gravel 42; clay hard grey clay gravel 63; broken gravel sand clay hard streaks 72; sandy clay 82; cemented gravel sand clay 90. Water at 63.
GCT	"	"	Mar. 23	2			Flows	"	T	Loam 3; fine silty sand 8; fine silty sand boulders 13; packed fine sand clay 37; fine sand gravel clay 44; sand gravel 62; packed fine gravel sand clay 72. Water at 37.
GCT	"	"	Mar. 25	2	80	13	4	"	T	Brown clay boulders 10; sandy blue clay gravel 23; cemented sand gravel 24; sandy blue clay streaks gravel 63; hard packed gravel sand boulders 96. Water at 24.
GCT	"	"	Mar. 25	5				"	T	Topsoil 1; gravel clay boulders 10; grey clay 26; hard packed gravel clay 38; hard grey clay gravel boulders packed gravel 74; hard grey clay gravel 96; cemented gravel 101; sand clay.
GCT	"	"	Nov. 20	6½	50	44	37	"	D, S	Topsoil 1; clay sand 3; medium sized stones sand clay 31; blue clay 66; hardpan large stones 88; coarse sand 90; medium to coarse gravel 94. Water from 88 to 94.
GCT	"	"	Mar. 6	2	50	13½	3½	"	T	Topsoil 1; sandy clay 6; sand clay boulders 13; cemented sand gravel clay 30; hard packed silty sand gravel clay 35; hard packed silty sand clay 64; boulders 65; sand gravel clay 70;
GCT	"	"						"	1-59	hard packed sand clay gravel 75; cemented sand gravel clay 78; hard packed sand gravel streaks of clay 84; hard packed sand gravel clay 103; hard packed sand clay 113. Water from 65 to 83.
GCT	"	"	Mar. 13	2			2	"	T	Topsoil 1; sandy clay 7; hard packed silty sand clay 18; hard packed silty clay sand boulders 21; hard packed sand gravel clay with cemented streaks 54; sand gravel clay 61; sandy clay boulders gravel 66; sand gravel clay 80; dirty sand gravel clay 91. Water at 54.



## WATERLOO COUNTY -cont.

Waterloo Twp. - cont. GCT	lot 110	W.H. Musclove	E. McLaughlin & Sons	Nov. 20	6	25	58	22	Fresh	D	Topsoil 1; sand gravel 8; hardpan stones 41; quicksand 43; hardpan clay 75; gravel 78. Water at 78.
GCT	" 110	H. Dettweiler	"	Sept. 2	6	18	55	31	"	D, S	Topsoil 1; clay gravel 10; hardpan 48; clay 74; quicksand 75; hardpan 85; sand 101; gravel 103. Water at 103.
GCT	" 114	J. Clark	"	Jan. 10	5	25	60	46	"	D	Topsoil 1; hardpan 35; boulders 38; clay hardpan 86; quicksand hardpan 120; clay hardpan 151; limestone 160. Water at 159.
GCT	" 114	Beil Telephone	"	June 24	6	25	20	11	"	P	Topsoil 1; large stones gravel 51; hardpan 67; coarse gravel 70. Water from 67 to 70.
GCT	" 114	C. Reinhardt	"	Oct. 17	6	25	45	40	"	D	Topsoil 1; sand clay 6; sand gravel 21; clay 45; hardpan clay streaks 91; gravel 93. Water at 93.
GCT	" 119	C. Eby	"	Dec. 18	6	25	76	71	"	D, S	Topsoil 1; clay sand streaks 23; hardpan 52; quicksand 54; fine gravel 102. Water at 102.
GCT	" 122	A. Taube	"	Mar. 5	5	20	60	56	"	D	Topsoil 1; clay small stones 3; fine sand clay 8; clay small stones 25; clay large stones 37; blue clay 56; hardpan 75; clay sand 84; hardpan 102; clay sand 115; medium sand clay 129; hard brown limestones 134. Water from 130 to 134.
GCT	" 122	E. Schurman	"	Mar. 23	5	20	55	45	"	D	Topsoil 1; sand 19; clay hardpan 121; boulders hardpan 128; limestone 129. Water at 129.
GCT	" 122	E. McLaughlin & Sons	"	Oct. 16	8	220	100	48	"	P	Topsoil 1; sand clay 4; coarse gravel boulders 15; blue clay 38; hardpan 46; sand gravel 52; hardpan 87; coarse sand 94; blue clay 107; medium hard blue shale 118. Water from 107 to 118.
GCT	" 123	W. Miller	"	Feb. 21	6	15	65	45	"	D	Dug well 30; hardpan 71; gravel 73. Water at 73.
GCT	" 123	R. Bauer	A. Kerber	May 15	6	4	60	55	"	D	Dug well 56; hardpan 108; limestone 126. Water at 120.
GCT	" 123	J. E. Ready-mix Concrete Sup.	E. McLaughlin & Sons	June 22	7	75	30	22	"	C	Sand silt 38; blue clay 52; hardpan 97; bedrock 106. Water at 106.
GCT	" 123	H. Hipel	"	Oct. 27	6	25	34	11	"	D, S	Topsoil 1; coarse gravel 20; hardpan 41; quicksand 43; clay hardpan 74; shale 85; dark grey limestone 94. Water from 83 to 94.
GCT	" 152	E. Oeber	C. & H. Kerr	Dec. 17	4	5	180	160	Sulphur	D	Clay 2; sand silt 76; gravel 112; sand silt 140; clay sandstone 172; hardpan 275; sand clay streaks 312; clay 335; sandy clay 340; hardpan 358; sand clay streaks 371; limestone 408. Water from 380 to 408.
JWT	" 8	G. Beckner	E. McLaughlin & Sons	Nov. 16	7	20	60	42	Fresh	D	Concrete well pit 5; hardpan 104; sand 109; gravel 112. Water at 112.
ME	" 1	G. Shantz	"	Dec. 5	6	25	60	52	"	D, S	Topsoil 1; clay sand 4; sand 11; hardpan 52; clay hardpan 98; clay streaks sand 150; sand 153; gravel 134. Water at 134.
Willesley Twp. ES Con A	lot 11	J. H. Frey	Sauder Well Drilling	May 5	5	12½	77	61	Fresh	D, S	Topsoil 3; yellow clay 7; quicksand 21; yellow clay sand 41; brown clay stones 69; sand clay 72; fine yellow sand 81; yellow clay 100; blue clay stones 121; blue clay 160; hardpan 173; yellow clay sand 201; yellow clay 220; blue clay shale 241; limestone 262. Water from 255 to 262.
ES Con A	" 18	S. F. Brubacher	"	Aug. 10	5	15	75	65	"	D	Gravel sand 13; yellow clay 18; blue clay 24; hardpan 27; sandy brown clay 30; blue clay 62; grey yellow clay 110; grey clay cemented sand 117; grey clay sand 127; clay sand 141; grey clay 156; hardpan 172; soft blue clay hardpan 196; limestone brown rock 206. Water at 205.
ES Con I	" 13	E. Steckley	N. Steinman	May 29	4	15	15	4½	"	D	Fill 21 brown clay 13; blue clay 87; fine sand 89; sandy clay 108; gravelly hardpan 124; sandy clay 153; gravelly hardpan 159; shale 170; rock 185. Water from 178 to 185.
ES Con II	" 10	A. Wagler	E. McLaughlin & Sons	Nov. 26	5½	30	60	38	"	D, S	Concrete well pit 5; red clay 32; hardpan 60; blue clay 98; hardpan 115; sand gravel 128. Water at 128.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont Welliesley Twp - cont ES Con X lot 5	R. Lahman	G.L. Davidson	Apr. 16	4	10	50	50	Fresh	S	Topsoil 1; yellow clay 25; blue clay 80; clay sand 127; hardpan 154; sandy gravel 162; hardpan sand 206; hardpan 226; blue shale 240; blue limestone 254; water at 254.
WS Con VII	McFadden Bros	N. Steinman	Apr. 7	5	10	8	5	"	D, S	Clay 9; hardpan stones 30; gravel 36; sand 47; sand clay 51; fine sand gravel 60. Water at 60.
WS Con X	J. Gerth	G.L. Davidson	May 6	4	10	68	68	"	D	Fill 2; clay stones sand 129; hardpan 132; sandy gravel 135; hardpan sand clay 199; sand 218; shale 230; brown limestone 248; blue limestone 258. Water at 258.
WS Con XI	S. Martin	E. Sauder	Dec. 28	5	14	93	91	"	D, S	Topsoil 2; clay stones 142; cemented gravel 220; blue shale 245; brown sort rock 253; blue bedrock 258; brown rock 260. Water from 258 to 260.
WS Con XII	A.B. Martin	"	Aug. 19	5	14	69	68	"	D, S	Topsoil 1; blue clay 160; sand 173; hardpan 205; brown clay 240 blue shale 250; hard blue rock 283; brown limestone 285. Water at 284.
Willmot Twp. BRN lot 27	R. Zephr	C. & H. Kerr	Sept. 30	4 1/2	8	120	95	"	D	Stony clay 40; clay 98; coarse sand 104; sand 148; hardpan 175; limestone 210. Water from 195 to 210.
BRS	A. Schwartzendr	"	Aug. 18	5 1/2	15	50	47	"	D	Dug well 5; stony clay 26; gravel 66; fine gravel 72. Water from 66 to 72.
BRS	E. Cressman	"	June 30	4 1/2	15	130	108	"	D	Clay 42; sandy clay 62; coarse sand 150; sand clay streaks 211 limestone 233. Water at 108.
BA Con III	H. Kehl	E. McLaughlin & Sons	Mar. 20	6	15	88	82	"	D, S	Topsoil 1; coarse sand clay 5; clay fine sand 29; grey clay 47 hardpan 64; clay 110 sand 99; medium to coarse sand 107; fine to medium gravel 110. Water from 99 to 110.
BA Con I	G. Broughtman	"	Mar. 19	8	30	30		"	D	Topsoil 1; clay 8; boulders 12; hardpan 18; clay 34; quicksand 39; fine gravel 40. Water at 40.
BB Con II	E. Wagner	"	Sept. 5	4 1/2	25	80	62	"	D, S	Topsoil 1; red clay 15; hardpan 38; quicksand 47; blue clay 92; hardpan 268; bedrock 273. Water at 273.
SRN	J. Pratcher	"	July 19	4 1/2	1 1/2	170	100	"	D	Dug 8; sand clay 75; clay 110; silty sand 142; clay sand 150; clay 159; sandy gravel clay 206. Water from 118 to 142 and from 199 to 206.
SRS	Kitchener Water Comm.	International Water Supply Ltd.	Apr. 21	2	22	35	33	"	T 10-59	Topsoil 1; gravel clay boulders 5; grey clay 40; fine gravel sand clay 54; sand fine gravel clay 66; gravel sand clay 87; sand gravel clay 108; sandy grey clay 150; hard packed gravel 196; sand clay cemented streaks gravel 235; sand clay.
SRS	"	"	Apr. 27	2	23	35	33	"	T	Topsoil 1; brown clay gravel 5; grey clay 40; gravel sand clay 57; sandy grey clay gravel 67; gravel sand clay 58; sand gravel clay 107; sandy grey clay 119.
SRS	"	"	May 11	2	20	53	51	"	T 13-59	Topsoil 1; brown clay gravel 12; sandy grey clay 58; gravel 101; sand clay 61; clay gravel 69; packed sand fine gravel clay 120; grey clay sand 108; packed sand fine gravel clay 120; grey clay gravel 168; hard packed gravel clay 204.
SRS	"	"	July 8	7	108	39	33	"	T 17-59	Topsoil 1; gravel clay boulders 5; grey clay 37; gravel sand clay 87; sand fine gravel clay 106; grey clay 140.
SRS	"	"	Apr. 13	5				"	T 9-59	Topsoil 1; brown clay gravel 18; grey clay 72; grey clay sand gravel 83; sand gravel clay 86; hard grey clay 138; hard grey clay gravel 154; cemented streaks gravel sand clay 280; shale 285.
SRS	"	"	May 1	5				"	T 12-59	Topsoil 1; brown clay gravel 12; grey clay 41; dirty sand 43; packed sand grey clay gravel 141; hard grey clay gravel 163; hard packed gravel clay 218; cemented gravel clay 252.

WATERBLOO COUNTY - cont.

Wilmot Twp. - cont. SRS	lot 3	Mitchener Water Comm.	International Water Supply Ltd.	May 25	2	7	26½	22	Fresh	T 14-59	Topsoil 1; brown clay 14; grey clay 100; fine gravel sand clay 109; grey clay gravel 124; hardpacked sand clay 138; grey clay 152; hard packed sand 171; gravel clay cemented gravel clay 278.
SRS	" 3	"	"	June 2	2	40	18	13	"	T 15-59	Topsoil 5; dirty sand gravel 10; silty clay gravel 16; grey clay sand gravel 19; packed sand fine gravel clay 38; packed sand clay 70; packed sand gravel clay 84; grey clay sand 93; packed sand clay 111; grey clay 129; packed sand clay 132; grey clay 145; grey clay gravel 153; hard packed gravel clay 164; hard grey clay gravel 177; cemented gravel clay 180; hard grey clay 188; cemented gravel clay 240.
SRS	" 5	"	"	June 9	5					T 16-59	Topsoil 3; sandy brown clay 18; silty sand clay 41; packed sand fine gravel clay 82; grey clay 94; packed sand clay 106; grey clay 118; grey clay gravel 152; hard packed gravel sand clay 167; hard grey clay gravel cemented streaks cemented gravel clay 204.
SRS	" 3	"	"	July 14	5					T 18-59	Topsoil 5; dirty sand gravel clay 37; grey clay sand 52; packed sand clay 86; grey clay gravel 145; hard packed gravel sand clay cemented streaks 169; cemented gravel sand clay 205. Dug pit 6; sand 130; sand 133; brown sand 159; fine coarse sand 167. Water at 130 and 159.
SRS	" 4	E. Garner	E. Sauder	Nov. 23	4	1½	127	80	Fresh	D	Dug well 25; clay stones 110; sandy clay stones 138; coarse sand 140; hard sand 157; hard blue rock 174; brown rock 175. Water from 174 to 175.
Woolwich Twp. CT BF	lot 6	G. Honsberger	E. Sauder	Apr. 9	5	12½	60	55	Fresh	S	Fill 1; hardpan boulders 40; sand 45; hardpan 118; blue shale 133; blue limestone 149. Water at 149.
CTGRW Con I	" 3	C. Martin	G.L. Davidson	Mar. 26	4	400		Flows	"	D, S	Dug well 16; clay stones 94; gravel 95. Water at 94.
GCT	" 2	H. Toman	E. Sauder	July 30	5	8	25	Flows	Mineral	D, S	Dug pit 3; clay stones 111; sand 117; shale 122; brown limestone 127. Water at 90.
GCT	" 29	U. Martin	"	Apr. 23	5	200		Flows	Fresh	S	Topsoil 1; sandy clay 22; boulders hardpan 58; hardpan clay 130; cemented gravel 145; gravel 147. Water at 147.
GCT	" 33	A. Jobbin	E. McLaughlin & Sons	July 31	5	25	68	45	"	D	Topsoil 1; sand clay 7; clay 18; hardpan 58; sand 64; hardpan 70; fine sand fine gravel 77; medium gravel 80. Water from 77 to 80.
GCT	" 86	O. Thuroo	"	May 4	6	18	30	24	"	D	Topsoil 2; clay gravel 80; gravel sand clay streaks 88. Water from 80 to 88.
GCT	" 86	P. Brubacher	L.C. Shantz	Dec. 10	5	6	62	34	"	D	Topsoil 5; yellow clay 13; blue clay 41; soft blue clay 56; hardpan 81; yellow clay 96; brown clay stones 120; sandy brown clay 141; blue clay 174; blue clay stones 186; shale 204; limestone 208; brown rock 210. Water at 208.
GCT	" 95	E. Akin	Sauder Well Drilling	Dec. 18	5	18	24	22	"	D	Clay 7; yellow sand 13; blue clay 60; sand stones 72. Water from 60 to 72.
GCT	" 103	E. Braucher	"	Nov. 7	5	20	22½	22	"	D, S	Topsoil 3; yellow clay 14; sandy clay 21; blue clay stones 52; blue clay 73; sand 74; hardpan 101; fine sand 114. Water from 101 to 114.
GCT	" 104	I. Bowman	"	May 24	5	10½	84	70	"	D	Topsoil 2; yellow clay 6; yellow sand 42; grey clay boulders 75; grey clay 90; sandy grey clay 123; sand 124; yellow sandy clay 128; brown sand 129½; blue clay 142; sand 144½; hardpan 172; gravel. Water at 172.
GCT	" 104	J. Willwood	"	June 9	5	15	75	70	Mineral	D	Topsoil 2; yellow clay 20; blue clay 40; hardpan 55; blue clay 72; sandy clay 81; yellow clay 102; stones hardpan 110; quicksand 111; sand 114; Water at 110.
GCT	" 104	I. Bauman	"	June 14	5	8	70	50	Fresh	D	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Woolwich Twp. - cont. GCT lot 109	A.M. Martin	G.L. Davidson	Oct. 20	4	9	120	100	Fresh	D,S	Sand 3; clay 12; soft clay 36; sand gravel hardpan 48; hardpan 66; red clay 74; sand gravel streaks 141; clay 182; green shale 190; red shale 193; blue yellow shale 210. Water at 210.
GCT " 113	I.J. Gable	E. McLaughlin & Sons	July 30	5	18	86	74	"	D	Topsoil 1; brown clay stones 9; hardpan 78; clay sand 84; clay 108; hardpan 131; clay boulders 140; hardpan 150; clay boulders 158; hardpan 185; medium hard blue shale 194. Water from 185 to 194.
WELLAND COUNTY Bertie Twp.										
lot 34	B. Mitchell	L. Hallborg	Apr. 2	5	8	9	7	Fresh	D	Stony shale 3; flint 23. Water at 23.
BF LEF Con I	D. Teal	W. Winger & Son	June 12	6	30	2	2	"	D	Topsoil 1; shale 3; dark rock 24. Water at 6.
LEF Con I	A. Hennick	L. Hallborg	May 9	5	10	35	20	"	D	Loam clay 5; shale 65. Water at 65.
LEF Con I	C. Fell	W. Winger & Son	July 24	5	25	10	8	"	D	Topsoil 1; brown clay 17; blue clay 22; dark flint 32. Water at 30.
LEF Con I	C. Fell	"	July 28	5	18	18	8	"	D	Sand 6; brown clay 17; blue clay 22; dark flint 28. Water at 26.
LEF Con I	J. Day	L. Hallborg	May 14	5	10	18	11	"	D,C	Sand Gravel 38; flint 55. Water at 55.
LEF Con I	J. Day	R.L. Schoolley	June 18	6	5	10	10	"	D	Gravelly clay 21; flint 36. Water at 36.
LEF Con I	C. Haun	"	June 13	5	2	45	17	Sulphur	D	Gravelly clay 33; flint 45. Water at 45.
LEF Con II	C. Mayer	W. Winger & Son	July 6	5	5	12	3	Fresh	D	Topsoil 1; brown clay 6; dark flint 41. Water at 39.
LEF Con II	J. Inturnari	"	July 22	5	12	16	9	"	D	Topsoil 1; brown clay 4; light flint 23. Water at 21.
LEF Con II	R. Garrick	"	Nov. 7	5	4	23	10	Sulphur	D	Topsoil 2; shale 6; dark flint 38; brown rock 60. Water at 58.
LEF Con II	D. Jukosky	"	July 20	5	30	8	7	Fresh	D	Stones clay 4; dark flint 22; light flint 39. Water at 37.
LEF Con II	J. Parlato	"	June 15	5	3	8	5	Sulphur	D	Topsoil 1; brown clay 11; blue clay stones 17; light flint 26. Water at 24.
LEF Con III	S. Alba	"	Mar. 14	6	5	7	6	"	D	Topsoil 1; brown clay 5; light flint 13; brown limestone 30. Water at 28.
LEF Con III	L. Bamister	"	Mar. 20	6	9	8	6	"	D	Topsoil 1; brown clay 11; clay stones 12; light flint 19; brown limestone 28. Water at 26.
LEF Con III	B. Stottle	"	July 15	5	8	29	14	"	D	Topsoil 1; brown clay 5; dark flint 14; brown limestone 55. Water at 53.
LEF Con III	D. Cameron	"	Oct. 19	5	4	8	0	"	D	Topsoil 1; brown clay 14; dark flint 29; brown limestone 47. Water at 45.
LEF Con III	H. Hall	"	Oct. 23	5	5	10	7	"	D	Topsoil 2; shale rock 5; dark flint 31. Water at 31.
LEF Con III	H. Baron	"	Aug. 7	5	30	16	10	"	D	Brown clay 1; dark flint 16; light flint 30; brown limestone 64; Water at 62.
LEF Con III	B. Noyes	"	Aug. 14	5	30	18	10	"	D	Brown clay 2; flint 19; light flint 31; brown limestone 60. Water at 60.
NRP Con II	C. Eden	"	June 24	5	4	68	36	Fresh	D	Topsoil 1; brown clay 19; blue clay 35; light flint 47; brown limestone 84. Water at 82.
NRF Con VI	B. Burns	"	Aug. 18	5	5	32	18	Sulphur	D	Topsoil 1; brown clay 16; blue clay 34; dark flint 44. Water at 42.
NRF Con VI	J. Teal	"	Sept. 28	5	3	44	9	"	D	Topsoil 1; brown clay 9; dark flint 27. Water at 21.
NRF Con VII	S.S. # 6	"	Aug. 25	5	10	44	44	"	P	Topsoil 1; brown clay 9; light flint 29; brown limestone 55. Water at 53.
NRF Con VII	M. Baluk	"	Oct. 3	5	20	11	10	"	D	Topsoil 1; brown clay 15; blue clay 49; gravel 55; brown limestone 57. Water at 55.
NRF Con X	M. Gerstel	L. Hallborg	Apr. 18	5	10	14	10	"	P	Clay 5; brown limestone 50. Water at 50.
NRF Con X	W. Lough	W. Winger & Son	Sept. 14	5	15	41	41	Fresh	P	Topsoil 1; brown clay 5; shale 14; dark rock 34.
NRF Con X	T. Towell	"	Sept. 24	5	18	29	29	"	D	Clay stones 5; dark rock 44. Water at 34.
NRF Con XV	S. Petrich	R.L. Schoolley	Sept. 23	5	10	36	36	"	D,S	Red clay 15; limestone 51. Water at 51.

Crowland Twp.

2 Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
WELLAND COUNTY - cont. Niagara Falls - cont.										
lot 119	A. Walters	D.A. Young	Aug. 22	6	3	24	20	Fresh	D	Brown clay 19; limestone 25. Water at 24.
" 211	R. Wilson	W.A. Lounsbury & Sons	June 23	7	8	45	20	"	D	Hard brown clay 10; blue clay 50; marley red sand 55; blue clay 60; marley red sand 69; coarse gravel 70; limestone. Water at 62.
" 211	C.R. Freedy	"	July 14	7	20	63	14	"	D	Hard clay 18; sandy clay 44; fine sand 61; limestone 63. Water at 44.
Pelham Twp.										
Con I	E. Sigfrid	W.A. Lounsbury & Sons	May 29	7	2	50	25	Fresh	D	Hard clay shale 2; shale 3; hard grey limestone 33; soft blue limestone 51; hard grey limestone 53. Water at 57.
Con V	Tregunno	W.L. Field & Son	June 5	10	5	80	54	"	In	Brown loam 5; blue clay 60; clay sand 80; coarse gravel 110. Water from 80 to 110.
Con V	W. Cook	W.A. Lounsbury & Sons	July 24	7	6 1/2	29	17	"	D	Hard clay 24; sand gravel 29. Water at 24.
Con VII	M. McPhearson	F. Merritt & Sons	May 26	5	10	45	45	"	D	Dug well 70; sand 73. Water from 70 to 73.
Con VII	A. Frazer	W.L. Field & Son	July 15	6 1/2	20	160	125	"	D, S	Sand gravel 255. Water at 245.
Con VIII	T.A. Cornett	Allard Bros.	Feb. 26	2	4 1/2	185	35	"	D	Fine sand 184. Water at 180.
Con VIII	M. Perseketa	R. Schooley	July 1	5	10	51	51	"	C	Sandy soil 26; gray sand 60; red sand 100; red clay 128; limestone 130. Water at 130.
Con XI	R. Liebau	W.L. Field & Son	July 30	6 1/2	10	60	30	"	D, S	Blue clay sand 80; fine sand 200; limestone 204. Water at 204.
Thorold	Niagara Out Stone	W.L. Field & Son	Nov. 3	8	1	105	35	Fresh	N	Pill 20; blue clay 36; limestone 105. Water from 90 to 105.
Thorold Twp.										
lot 61	E.V. Mannell	W.L. Field & Son	Nov. 23	6 1/2	20	50	33	Fresh	D, S	Brown clay 10; blue clay 30; blue clay stones 38; limestone 64. Water at 60.
" 107	K.H. Stokes	"	Dec. 4	6 1/2	6	70	34	"	D, S	Brown clay 20; red clay sand 40; fine sand 68; sand gravel 80; rock 81. Water at 80.
" 114	M. Murafsky	R. Schooley	Jan. 30	5	10	27	27	"	D	Red clay 22; blue clay 47; limestone 55. Water at 55.
" 115	E. Lenson	S.W. Merritt	Mar. 11	6	12	30	26	"	D	Clay sand 28; shale 29; limestone 43. Water from 30 to 42.
" 118	K. Dougherty	D.A. Young	Aug. 10	6	6	22	19	"	D	Topsoil 2; red clay 40; limestone 45. Water at 44.
" 149	S. Vanderburg	W.L. Field & Son	Feb. 13	7	20	65	30	"	D, S	Blue clay 40; brown loam 61; sand gravel 82; limestone 89. Water at 85.
" 149	Pleasant View Memorial Garden	"	Aug. 10	8	40	80	28	"	Ir	Brown clay 40; sandy loam 60; sand gravel stones 85; limestone 103. Water at 98.
" 160	E.C. Maunder	S.W. Merritt Jr.	Feb. 20	6	16	80	48	"	C	Pack sand 135; limestone 155. Water at 148 and 155.
" 192	K. Jung	L. Hallborg	Jan. 16	5	16	24	20	"	D	Red clay 30; blue clay 70; sand 90; fine gravel 100; coarse gravel 105. Water at 105.
" 207	D. Bockus	D.A. Young	Mar. 20	6	10	27	26	"	D	Clay 25; sandy clay 100; gravelly sand 105; limestone 106. Water at 106.
" 214	H. Boulet	Allard Bros.	June 15	2	10	12	12	"	D	Water at 106. Overburden 91; limestone 97. Water from 89 to 97.
Mainfleet Twp.										
lot 5	G. Szalkai	L. Hallborg	Mar. 24	5	10	10	8	Fresh	D	Sand 91; limestone 20. Water at 20.
Con I	H. Klaver	R.L. Schooley	June 9	5	5	17	6	Sulphur	D	Blue clay 10; grey limestone 17. Water at 17.
Con I	W.E. Mason	L. Hallborg	Aug. 27	5	2	17	15	Fresh	D	Clay 10; limestone 20. Water at 20.
Con I	H. Marr	"	Dec. 18	5	6	15	12	"	D	Clay 11; limestone 26. Water at 26.
Con I	L. Crumb	R.L. Schooley	May 29	5	8	12	12	"	D	Black loam 3; loose rock 8; flint 27. Water at 27.



## WELLAND COUNTY - cont.

Wellington Twp. - cont.	Con I	lot 12	G. Harper	L. Hallborg	May 18	5	13	13	Fresh	D	Sand gravel 7; limestone 18. Water at 18.
Con I	lot 12	F.J. Valencourt	"	Oct. 20	5	8	18	18	Sulphur	D	Sand 1; limestone 27. Water at 27.
Con I	"	M. King	"	July 14	5	10	10	7	Fresh	D	Clay 3; loose rock 10; flint 20. Water at 20.
Con I	"	J. McNeil	R.L. Schooley	Apr. 5	5	5	20	6	"	D	Clay 1; flint 37. Water at 35.
Con I	"	E. Clark	"	Apr. 28	5	14	22	21	"	D	Loose rock 7; flint 37. Water at 35.
Con I	"	B. Thompson	"	May 8	5	14	22	21	"	D	Loose rock 7; flint 37. Water at 35.
Con I	"	P. Roberto	"	Aug. 14	5	8	12	12	"	D	Red clay 12; flint 32. Water at 32.
Con I	"	B. Oudney	"	Aug. 20	5	8	12	12	"	D	Clay 11; flint 34. Water at 34.
Con I	"	J.N. McWaters	"	July 8	5	10	12	12	"	D	Red clay 30; flint 38. Water at 38.
Con I	"	A. Anger	"	June 12	2	11	12	15	"	D	Coarse gravel 7; shale 32. Water at 30.
Con I	"	S. Grattel	Allard Bros.	Aug. 21	5	28	18	18	"	D	Clay 6; flint 42. Water at 42.
Con I	"	L. Boer	Allard Bros.	Sept. 5	2	4	16	16	"	D	Coarse gravel 6; shale 65. Water at 60.
Con II	"	B. Boer	L. Hallborg	Oct. 3	2	4	18	13	"	D	Clay 1; limestone 24. Water at 24.
Con II	"	S. Pedro	"	Oct. 15	2	10	22	8	"	P	Topsoil 1; shale limestone 37. Water at 33.
Con II	"	V. Hauscher	"	Aug. 4	2	5	8	10	"	D	Flint sand 129; coarse gravel 154; limestone 160. Water at 158.
Con II	"	A. Hauska	"	July 4	2	8	8	8	"	D	Flint sand 95; limestone 135. Water at 130.
Con II	"	J. Hauscher	"	May 10	2	3	12	12	"	D	Blue clay sand 126; limestone 132. Water at 130.
Con IV	"	J. Barth	"	Sept. 15	2	2	10	10	"	D	Clay sand 104; gravel 114; limestone 119. Water at 118.
Con IV	"	L.B. Shoalts	L. Hallborg	Jan. 5	5	15	25	12	"	D	Clay 30; sand 70; sand gravel 115; fine coarse gravel 125. Water at 125.
Con V	"	P. Halljan	R.L. Schooley	May 26	5	10	12	5	"	D, S	Red clay 37; blue clay 80; grey sand 150; fine gravel 160. Water at 160.
Con V	"	L.B. Shoalts	L. Hallborg	Feb. 17	5	20	20	10	"	C	Clay 65; cemented sand 90; coarse gravel 100. Water at 100.
Welloughby Twp.	lot 10	G. Galley	R.L. Schooley	Mar. 3	5	20	38	30	Sulphur	In	Red clay 18; blue clay 51; sand 80; fine gravel 87; shale 95. Water at 95.
Con III	"	J. Messing	W.A. Lounsbury & Sons	Sept. 19	7	6	23	10	"	D	Hard brown clay 18; limestone soft blue clay 32; limestone fine gravel 34; limestone 37. Water at 34.
Con V	"	J. Sebastian	L. Hallborg	June 10	5	5	22	17	"	D, S	Clay 40; limestone 45. Water at 45.
Cross Con	"	J. Glynn	W.A. Lounsbury & Sons	July 27	7	1	37	20	"	D, S	Soft brown clay 37; gravel 37; limestone 39. Water at 37.
Wellington County	lot 6	A. Officer	R.H. Gadke	Sept. 25	4	10	13	12	Fresh	D, S	Topsoil 10; clay hardpan 32; brown shale 40; grey limestone 80. Water from 70 to 80.
Con III	"	E. McDougall	"	Aug. 19	4	15	26	26	"	D, S	Gravel clay 35; brown shale 82. Water at 82.
Con IV	"	P. Malligan	"	Oct. 20	4	10	37	36	"	D, S	Topsoil 5; clay hardpan 97; blue shale 210; white limestone 276. Water at 266 and 276.
Con VII	"	R. Gardner	C.L. Davidson	May 6	4	8	36	36	"	D	Topsoil 8; gravel 6; stony hardpan 32; blue clay shale 105; brown limestone 14. Water at 14.
Con XII	"	H. Grahman	"	Dec. 2	4	12	78	58	"	D, S	Fill 3; clay stones 38; hardpan 80; blue shale 122. Water at 122.
Con XII	"	L. Grahman	"	Nov. 25	4	15	20	50	"	D, S	Fill 4; sand 10; clay stones 33; hardpan 68; blue soft shale 105; blue medium hard shale 108. Water at 108.
Eramosa Twp.	lot 4	I. Wallace	J. Oudney	Dec. 18	4	8	20	10	Fresh	D	Stony clay 10; hard black limestone 50. Water at 50.
Con I	"	C. Stacniak	J.R. Sprowl	Oct. 1	4	5	62	15	"	D	Sand clay 8; boulders 9; black rock 72. Water at 35 and 70.
Con I	"	G. Kupferschmidt	J. Oudney	Oct. 14	4	10	50	30	"	D	Topsoil 2; stony blue clay 20; hard gravel 35; hard black rock 105. Water at 105.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Eramosa Twp. - cont.										
Con II lot 1	W. Hudson	J.R. Sprowl	Feb. 14	4	15	6	5	Fresh	D	Topsoil 2; Black flint 10; grey limestone 40. Water at 25 and 35.
Con II " 1	E. Barth	"	May 20	4	20	6	5	"	D	Topsoil 1; broken rock 6; grey limestone 53. Water at 22, 34, 42 and 48.
Con II " 7	M.W. Wymen	"	July 25	4	20	7	5	"	D	Grey limestone 25; white limestone 50. Water at 25 and 45.
Con II " 1	H. Bucham	J. Qudney	Sept. 27	4	10	40	25	"	D	Stony clay 15; thin shaly rock 25; black limestone 75. Water at 75.
Con II " 2	E. Cripps	J.R. Sprowl	May 15	4	2	62	10	"	D	Clay 14; rock 17; stony clay 37; dark rock 62. Water at 45 and 60.
Con II " 2	G. Armstrong	"	May 29	4	2	68	12	"	D	Clay 19; rock 22; rock clay 50; dark rock 68. Water at 55.
Con II " 2	S. Sloat	C. Hill	July 8	4	2	70	20	"	D	Clay shale 30; brown limestone 87. Water at 87.
Con IV " 3	A.J. Becker	"	Nov. 5	4	6	65	36	"	D	Clay 16; grey limestone 101. Water at 101.
Con IV " 6	J. Barlow	"	Sept. 15	4 1/4	6	50	25	"	C	Clay shale 18; hard brown rock 80. Water at 80.
Con V " 6	C. McLaren	"	Mar. 9	4	10	50	23	"	D	Clay 44; hard grey limestone 76. Water at 76.
Con V " 6	N. Burns	J.R. Sprowl	Apr. 23	4 1/4	5	30	24	"	D	Sand 10; stony gravel 50; dark grey limestone 84. Water at 65, 75 and 82.
Con V " 6	C.F. O'Brien	C. Hill	Sept. 28	4	10	50	35	"	D	Gravel fill 10; clay boulders 49; hard brown rock 90. Water at 90.
Con V " 6	W. Peart	"	Oct. 28	4	6	50	10	"	D	Clay stones 7; grey limestone 60. Water at 60.
Con VI " 6	S.S. # 8	J. Qudney	Aug. 13	4	4	10	15	"	D	Stony clay 15; fine sand 25; grey limestone 90. Water at 90.
Con VII " 28	W. Flewelling	"	July 3	4	10	40	35	"	D, S	Dug well 25; blue clay 100; white limestone 165. Water at 165.
Erin Twp.										
Con I lot 1	E.J. Maxwell	J.R. Sprowl	Oct. 12	4	7	18	18	"	D, S	Old drilled well 30; limestone 58. Water at 42 and 45.
Con III " 2	E. Anderson	J.L. Graham	Feb. 9	4	8	75	64	"	D	Topsoil 1; gravel big stones 26; gravel brown clay 65; gravel clay sand 76; dark brown rock 95. Water from 90 to 95.
Con III " 14	J.C. Selke	"	Aug. 14	4	10	26	16	"	D	Topsoil 1; stones clay 9; light brown rock 50. Water from 40 to 50.
Con V " 2	G. Winter	J.R. Sprowl	Sept. 1	4	5	63	63	"	D	Clay gravel mixed 25; quicksand clay mixed 50; stony gravel hardpan 68; dark grey limestone 90. Water at 82 and 85.
Con V " 14	J. Brandsma	"	Sept. 15	4	6	70	34	"	D, S	Old dug well 30; blue clay stones 60; blue clay hardpan 70; limestone 113 1/2. Water at 94, 109 and 112.
Con VI " 20	D.A. Gray	J.L. Graham	Aug. 7	5	10	75	34	"	D, S	Dug well 31; sand 70; blue clay 75; sand 89; brown rock 140; dark rock 149. Water from 132 to 140.
Con VII " 7	T.W. Hoskin	E. Jacobson	July 5	7	10	55	28	"	D	Dug well 26; brown clay sand 38; fine brown sand 64; coarse gravel 70. Water at 67.
Con VII " 16	W. Binnie	J.L. Graham	May 22	5	11	65	60	"	D, S	Dug well 50; fine sand 65; soft grey clay 70; silty clay 115; quicksand 143; sand clay 156; dark brown rock 175. Water from 160 to 175.
Con XI " 11	R. Longstreet	"	Mar. 30	5	5	40	20	"	D, S	Clay stones 14; silt large stones 23; hardpan 55; hardpan boulders 65; light brown rock 98. Water from 90 to 98.
Queph	P.O.C.	International Water Supply Ltd.	Feb. 6	12	280	108 1/2	84	"	T 2-59	Topsoil 1; clay gravel 16; clay gravel 31; clay gravel 42; clay gravel boulders 57 1/2; light brown limestone 102; blue limestone 142; dark grey limestone 166; grey limestone 178; blue grey limestone 210; grey limestone 252; blue limestone 267; blue shale 269. Water at 188.
Queph	K. Street	J.L. Graham	Apr. 13	4	10	27	23	"	C	Topsoil 2; brown clay gravel 12; sand gravel 21; grey clay 64; grey clay gravel 78; light brown rock 104; dark brown rock 107. Water from 86 to 107.
Queph	Imperial Tobacco Co. Of Can. Ltd.	"	Nov. 24	10	150	146	11 1/2	"	Ir	Topsoil 6; stones gravel clay 15; clay stones 28; light brown limestone 75; white blue rock 163; light dark blue rock 196; dark blue rock 210; grey rock 260; light blue rock 300; dark shale 310. Water at 85, 196, 210, and 210 to 308.

	P.U.C.	International Water Supply Ltd.	May 15	12		35	Fresh	T 3-59	
Guelph Twp. Div.B. Con II lot 14	J.A. Stewart	J.L. Graham	Oct. 27	4	9	70	24	D, S	Topsoil 1; coarse gravel clay 10; coarse gravel sand 24; silty sandy clay 55; cemented gravel 55; light brown limestone 84; dark brown limestone 96; black limestone grey shale 151; grey limestone 173; bluish grey limestone 283; dark grey limestone 275; light grey limestone blue shale 284. Water at 59.
Div.B. SWR " 10	C. Lasby	"	Aug. 24	4	5	100	30	D	Dug well 20; stones sand clay 30; sand clay 50; brown rock 152. Water from 140 to 152.
Div.C. Con II " 6	Ont. Reformatory	C. Hill	Dec. 2	4	10	50	30	D	100; white limestone 120. Water from 100 to 120.
Div.C. Con II " 11	Jem Drive-In Theatre	"	July 14	4	10	60	50	P	Clay stones 24; brown limestone 80; hard black rock 91. Water at 91.
Div.C. Con III " 32	R. Currie	"	Apr. 23	4	10	14	14	"	Clay 62; grey limestone 94. Water at 94.
Div.C. Con III " 2	McKendry/Estate	J. Quiney & Son	Dec. 18	4	10	50	35	D	Clay stones 3; hard black rock 50. Water at 50.
Div.C. Con III " 3	J.R. Allsop	C. Hill	Mar. 19	4	10	95	95	D	Blue clay 25; gravelly clay 40; hard black limestone 130. Water at 130.
Div.C. Con III " 3	J. Martinello	"	Apr. 20	4	6	85	55	D	Clay 70; fine gravel 72. Water at 129.
Div.C. Con III " 5	A. Hawes	"	Nov. 11	4	5	80	40	D	Loose gravel 10; hardpan 85; light brown rock 130; hard black rock 151. Water at 151.
Div.C. Con III " 9	A. Stevenson	"	Feb. 27	4	10	17	17	D	Clay 53; light brown limestone 90; hard black rock 100. Water at 100.
Div.C. Con IV " 10	Z. Sever	J.L. Graham	May 8	4	12	73	70	D, S	Gravelly clay 11; hard brown rock 65. Water at 65.
Div.C. Con V " 10	D. Farr	C. Hill	July 20	4	6	65	65	D	Dug well 35; grey clay sand 64; grey clay gravel 95; coarse sand gravel 118; sand soft grey clay 140; gravel hard grey clay 165; sand hard clay 208; fine sand 209; light grey rock 215. Water from 214 to 215.
Div.C. Con VI " 3	G. Davenport	J.L. Graham	May 14	4	5	38	16	D	Clay 92; grey limestone 134. Water at 134.
Div.C. Con VI " 3	H.P. McManus	C. Hill	June 12	4 1/2	10	65	45	D	Topsoil 2; gravel 14; hardpan 51; brown rock 92; black rock 96. Water from 92 to 96.
Div.C. Con VII " 6	H. Watson	J.L. Graham	Apr. 20	4	9	70	40	D	Clay 50; gravel 75; fine sand 92; grey limestone 124. Water at 124.
Div.D. Con II " 14	A. Riddell	C. Hill	June 6	4	10	15	15	D	Brown clay gravel 20; light grey clay gravel 42; light grey clay 60; light grey clay coarse sand 62; light brown limestone 94; dark brown limestone 110; black limestone 115. Water from 70 to 115.
Div.D. Con II " 14	C. Reilly	"	Aug. 22	4	10	20	20	D	Sand 10; gravel 26; hard grey limestone 75. Water at 75.
Div.D. Con II " 15	V. Begue	"	May 16	4 1/2	15	40	22	C	Clay 14; grey limestone 75. Water at 75.
Div.D. Con II " 15	J. Dunbar	"	Oct. 19	4	10	50	30	C	Clay 27; grey limestone 112. Water at 112.
Div.D. Con V " 4	M.O. Donoghue	"	Aug. 29	4	10	40	30	D	Clay 35; gravel 44; brown limestone 113. Water at 113.
Div.D. Con VI " 25	R. McKenzie	J.L. Graham	Dec. 11	4	5	80	16	D, S	Clay 26; grey limestone 97. Water at 97.
Div.E. Con I " 2	P.U.C.	International Water Supply Ltd.	Apr. 13	12	139	20	2 1/2	T	Dug well 32; clay stone 46; brown rock 123; grey rock 129. Water from 120 to 129.
Div.E. Con I " 3	"	"	July 8	12	319	55	11	T	Coarse sand gravel 4; coarse gravel clay 20; grey limestone 46; brown limestone 50; black limestone 52. Water at 25.
								4-59	Topsoil 1; clay 3; sand 9; coarse gravel sand 16; coarse gravel sand 33; coarse gravel clay 35; coarse gravel sand 43; grey limestone 113; brown limestone 148; grey limestone 152; white limestone 175; white limestone 190; grey limestone 215; white limestone 260; grey limestone 263. Water at 124.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY -cont. Guelph Twp., cont. Div.E. Con 1 lot 5	P.U.C.	International Water Supply Ltd.	Aug. 26	12	151	23	3	Fresh	T 5-59	Topsoil 4;clay gravel 3;coarse gravel boulders 12;broken rock 22;grey limestone 75;light brown limestone 132;grey limestone 156;light brown limestone 173;dark grey limestone light brown limestone 227;bluish grey limestone 243;grey limestone 265. Water at 24.
Div.F	"	"	Mar. 25	12	208	119	47	"	T 1-59	Topsoil 1;clay 3;clay gravel boulders 30;clay gravel 51;clay hard gravel 76;light brown limestone 129;dark grey limestone 150;bluish grey limestone 165;bluish grey limestone grey shale 190;white limestone 219;grey limestone 275. Water at 259.
Div.C Con IV	W. McGee	J.L. Graham	Sept. 29	4	15	16	16	"	D	Topsoil 12;brown clay gravel 10;brown clay fine sand 26;gravel 28;light brown limestone 33;medium brown limestone 48. Water from 40 to 48.
Div.G Con IV	J. Hill	C. Hill	Nov. 24	4	8	50	20	"	D	Gravel 30;fine sand 39;grey limestone 88. Water at 88.
Div.G Con IV	R. Beitz	"	Jan. 12	4 1/2	10	40	40	"	D	Sand large boulders 100;hard black rock 155. Water at 155.
Div.G Con V	F.C.Horsefield	J.L. Graham	Aug. 12	5	6	84	44	"	D	Sand gravel 10;coarse sand stones 50;grey clay 58;light brown limestone 110;light grey limestone 118;dark brown limestone 140. Water from 120 to 140.
Div.G Con V	M.P.Montgomery	"	Aug. 18	4	10	30	20	"	D	Sand gravel 31;limestone 75. Water from 50 to 75.
Div.G Con V	J. Cherry	C. Hill	Oct. 13	4	10	40	38	"	D	Gravel 30;fine sand 45;grey limestone 100. Water at 100.
Div.G Con V	J.L. Maddock	J.L. Graham	Nov. 20	4	8	77	37	"	D	Coarse sand 17;coarse sand stones 24;grey clay gravel 39;rock white limestone 60;rock brown limestone 110;rock grey limestone 118;rock dark brown limestone 123. Water from 110 to 123.
Div.G Con V	C.E. Merry	C. Hill	Oct. 22	4	7	50	30	"	D	Gravel 22;fine sand 31;light brown limestone 94. Water at 94.
Maryborough Twp. Con VIII lot 10	W. Noecker	G.L. Davidson	May 25	4	10	20	12	Fresh	D	Topsoil 1;hardpan boulders 7;gravel 9;sand 23;hardpan boulders 88;brown shale 102;brown limestone 147. Water at 147.
Con XII	J. Haverman	"	Feb. 7	4 1/2	10	30	26	"	D,S	Topsoil 3;stony hardpan 15;hard sand 20;stony hardpan 36;sand 40;stony hardpan 63;stones 64;hardpan stones 84;shale 106;limestone 131. Water at 131.
Con XII	J. Kidd	"	Mar. 5	4 1/2	15	34	19	"	D,S	Topsoil 1;clay 5;sand 6;hardpan boulders 39;hardpan 79;shale 87;brown rock 131;blue rock 134. Water at 115 and 134.
Con XIII	W. Blough	"	Feb. 21	4 1/2	16	34	17	"	D,S	Dug well 13;sand 22;hardpan 45;stony hardpan 63;shale 84;brown limestone 130. Water at 110 and 130.
Con XIV	F.G. Kellam	E. Sauder	June 6	5	15	30	28	"	D,S	Topsoil 1;clay stones 98;brown limestone 103. Water at 102.
Minto Twp. Con C lot 91	A.Woestenonk	E. Keeso	May 1	4	11	30	29	Fresh	S	Clay 21;sandy clay 72;blue shale 108;blue limestone 130. Water at 130.
Con III	A. Ross	G.L. Davidson	Feb. 3	4 1/2	10	53	53	"	D,S	Topsoil 1;hardpan 32;sandy gravel 40;hardpan 65;blue shale 86;blue rock 114. Water at 114.
Con IV	J.D. Ross	E. Keeso	Jan. 6	4 1/2	14	22	21	"	D,S	Clay 21;gravel hardpan 47;blue shale 79;blue limestone 96. Water at 96.
Con IX	J. Hope	"	Apr. 13	4 1/2	15	13	12	"	D,S	Clay sand 27;yellow shale 42;yellow limestone 56. Water at 56.
Con XVII	C. Seip	E. Keeso	Jan. 22	4 1/2	12	36	36	"	D,S	Dug well 28;hardpan stones 64;sand 96;shale 112;grey limestone 146. Water at 146.

WELLINGTON COUNTY -

cont.													
Nichol Twp.		lot 10	P.M.&I.Rogers	C. Hill	Apr. 4	4	7	76	76	76	Fresh	D	
Con I	"	"	H. Weadick	J. Qudney & Son	July 21	4	5	60	40		"	D	Clay 53;grey limestone 90;yellow broken limestone 100;grey limestone 140;yellow broken limestone 172. Water at 172.
Con XI	"	"	H.F.C.Dreyer		Aug. 10	4	9	25	20		"	D	Stony clay 14;hard grey limestone 120. Water at 120.
Con XI	"	"	F. Reaugh	J.R.Sprowl	Sept. 21	4	3	80	20		"	D	Stony clay 13;grey limestone 65. Water at 65.
Con XV	"	"	P. McDonald	J.L. Graham	June 19	5	6	65	35		"	D,S	Sand 10;blue clay 30;clay shale 40;dark hard limestone 70. Water at 54 and 63.
Con XVI	"	"	J.Lennissen	"	Oct. 29	4	10	60	45		"	D	Topsoil 24;gravel stones 30;grey clay gravel 140;gravel small stones 152;grey limestone 165;light brown rock 176;white rock 180. Water from 170 to 180.
GRSE BF	"	5	G. Breugst	C. Hill	Aug. 4	4	10	60	40		"	In	Dug well 25;brown clay fine sand 28;grey clay gravel 60; gravel 63;grey clay gravel 79;light brown rock 110. Water from 100 to 110.
Peel Twp.													Clay 41;grey limestone 140. Water at 140.
Con A	lot 8		L.Flewelling	G.L.Davidson	Mar. 4	4½	6	115	100		Fresh	D,S	Dug well 8;hardpan 43;sand gravel stone 55;hardpan 110;sandy gravel 136;stony hardpan 200;dirty sand fine gravel 227;soft yellow shale 261;rock. Water at 261.
Con II	"	10	O. Bowman	"	Mar. 18	4½	6	115	102		"	D,S	Topsoil 11;gravel 10;clay 45;sand gravel 83;hardpan 118;shale brown soft clay 175;blue shale 182. Water at 182.
Con III	"	2	S. Jessop	J. Sauder	Oct. 9	5	16	64	39		"	D	Topsoil 3;boulders brown clay 7;stony brown clay 27;soft blue clay 50;stony brown clay 91;broken shale 132;shale 133; red shale 150;brown rock 155;grey limestone 180. Water at 132 and 180.
Con IV	"	1	D. Howe	E.McLaughlin & Son	Aug. 22	6	25	68	45		"	D	Topsoil 1;clay 24;hardpan 83;limestone shale 97. Water from 87 to 97.
Con XI	"	18	H. McDougall	O.H. Gow	Sept. 1	4	5	85	80		"	D,S	Clay boulders 100;gravel 103. Water at 100.
Con XII	"	12	C. Norris	E. Sauder	July 17	5	18	125	95		"	D,S	Dug well 17;clay stone 130;clay 190;quicksand 205;hardpan 242;cemented sand 265;blue shale 270;blue rock 294;brown rock 298. Water at 294.
Con XIV	"	21	R. Lyons	J. L. Graham	July 17	4	6	27	27		"	D,S	Topsoil 2;brown clay 25;grey clay gravel 90;grey clay stones 175;coarse sand gravel 186;big stones gravel 200;grey hardpan gravel 240;coarse sand gravel 245. Water from 242 to 245.
Con XIV	"	21	Twp School Area	G.L.Davidson	Nov. 5	4	10	56	40		"	P	Sand gravel 18;hard sand 52;blue clay 82;brown clay 188; coarse gravel 194;brown clay 228;sand gravel 236;medium gravel 242. Water at 242.
Con XVI	"	15	H. French	J. Sauder	Apr. 2	5	15	72	67		"	D,S	Dug hole 6;yellow clay 8;yellow sand 13;fine sand 26;yellow clay sand 40;grey clay 60;yellow clay yellow sand 75;cemented sand 77;clay yellow sand 105;hardpan 120;yellow clay sand 135;quicksand 155;yellow sand 175;sandy clay 177;Gravel sand 178;packed gravel 179. Water at 178.
Pikington Twp.													
GRE Con B	lot 5		Grand Valley Authority Park	C. Hill	May 4	4½	10	30	14		Fresh	D	Clay boulders 8;grey limestone 123. Water at 123.
GRE Con I	"	16	J. Goetz	J.R. Sprowl	July 23	4	5	50	40		"	D	Hard clay gravel 30;clay sand gravel 47;dark grey limestone 131. Water at 63 and 125.
GRE Con II	"	5	E. Hall	C. Hill	June 23	4	10	50	20		"	D	Clay boulders 45;fine sand 53;grey limestone 140. Water at 140.
GRE Con IV	"	9	F. Weadick	J.L. Graham	Oct. 28	4	20	45	40		"	D,S	Topsoil 3;brown clay fine sand 20;grey clay gravel 110;fine sand 113;light brown rock 130;light grey rock 149;light brown rock 165. Water from 148 to 165.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Fiblington Twp. lot 10 GHE Con IV	Kurtz Produce	C. Hill	Feb. 13	4½	10	80	40	Fresh	D,S	Clay boulders 82;sand 100;clay boulders 140;grey limestone 220;brown rock 231. Water at 231.
GRW Con II " 13	J. Bell	J. Oudney	Dec. 12	4	11	50	30	"	D	Topsoil 2;fine sand 40;sandy clay 140;grey limestone 210. Water at 210.
GRW Con III " 2	L. Kleingeld	E. Sauder	Mar. 11	5	13	80	77	"	D,S	Stony clay 35;clay 70;hardpan stones 85;hard clay stones 175;sandy shale 185;sand 205;clay 210;gravel 215. Water from 210 to 215.
Fuelinich Twp. Con I lot 1	E.M. Dikkes	L.C. Shantz	June 10	5	14	17	16	Fresh	D	Clay gravel 28;red silty sand gravel 65;red sand clay gravel 119;broken rock 123;grey limestone 133. Water from 129 to 133.
Con I " 2	H. Snow	S. Gill	Oct. 22	6	10	80	15	"	D	Sandy clay 30;fine sand 97;grey rock 100. Water at 98.
Con I " 4	H.J. Stewart & M.S. Snider	L.C. Shantz	June 6	5	10	40	18	"	D	Topsoil 1;sandy clay 35;gravel sand 51. Water from 35 to 51.
Con I " 7	B. Whitman	"	Aug. 3	5	12	35	2	"	D,S	Topsoil 1;clay boulders 36;gravel sand clay 48;sand gravel 67. Water from 36 to 67.
Con II " 3	H. Hedden	J.L. Graham	July 24	5	8	4	4	"	D	Topsoil 1;sand 24;gravel sand 32. Water at 32.
Con III " 1	J.D. McArthur	C. Hill	July 2	5	10	15	15	"	D	Sand 10;fine gravel 16;grey limestone 127. Water at 127.
Con III " 3	E. Parsons	J.L. Graham	Dec. 31	4	13	44	40	"	D	Topsoil 1;clay small stones 45;dark grey silt clay 68;hard grey clay 78;sandy hardpan 84;dark grey limestone 160;light grey limestone 170. Water from 160 to 170.
Con III " 5	L.T. Evans	"	Mar. 16	4	12	47	45	"	S	Topsoil 2;sand gravel 18;fine sand 35;hardpan 52;quicksand 59;coarse gravel 71;grey clay gravel 85;light brown limestone 120. Water from 95 to 120.
Con IV " 14	W. Cooper	"	Dec. 4	4	8	60	25	"	D,S	Topsoil 2;brown clay gravel 20;grey clay gravel 33;grey clay sand 80;gravel 92;soft light brown limestone 120. Water at 120.
Con IV " 16	J. Crawley	"	Jan. 15	5	10	40	18	"	D,S	Gravel 15;sand 80;brown rock 125. Water from 100 to 125.
Con IV " 20	J. Weiler	"	Apr. 30	4	8	80	70	"	D	Topsoil 2;brown clay stones 25;brown clay gravel 52;fine gravel 70;fine sand 87;grey clay sand 104;coarse sand 112;grey clay coarse sand 128;coarse sand gravel 133;rock brown limestone 160. Water from 140 to 160.
Con V " 6	V. Scheuerman	"	July 9	4	11	23	18	"	D	Gravel large stones 17;white limestone 40;hard white rock 66. Water from 50 to 66.
Con V " 14	M.R. Reid	"	Nov. 10	5	20	30	26	"	D	Topsoil 2;brown clay boulders 20;brown clay gravel 47;grey clay gravel 60;fine gravel sand 64;fine gravel grey clay 70. fine sand clay 104;coarse sand clay 110;light brown limestone 137. Water from 123 to 127.
Con VII " 5	H. Garside	C. Hill	Dec. 7	4	10	30	7	"	D	Clay 30;fine gravel sand 44;light brown limestone 89. Water at 89.
Con VII " 7	A. Stafford	"	Sept. 23	4	8	10	6	"	D	Clay fill 8;gravel 50. Water at 50.
Con VII " 8	F. Turner	"	Mar. 4	4	10	25	15	"	D	Gravel 33;light brown limestone 92. Water at 92.
Con VII " 8	W.J. Clarke	J.L. Graham	June 3	4	10	15	10	"	D	Boulders gravel 18;gravel 34;brown limestone 77. Water from 70 to 77.
Con VII " 9	A.E. Patterson	"	May 27	4	6	17	7	"	D	Dug well 9;stones gravel 21;brown clay 43;hardpan gravel 51;light brown rock 117. Water from 110 to 117.
Con VII " 14	W.L. Milburn	"	Jan. 26	4	10	70	70	"	D,S	Clay gravel boulders 10;sand boulders 22;fine sand 45;gravel 67;sand 81;brown clay 93;hardpan 97;silty clay 133;hardpan 137;brown rock 152. Water from 148 to 152.
Con VII " 16	L.J. Moore	J.L. Graham	Sept. 15	4	8	50	48	"	D	Sandy gravel 18;clay 20;gravel 70;gravel boulders 94; limestone 129. Water from 120 to 129.
Con VII " 21	J. Newstead	W. Packham	May 8	7	6	90	11	"	D	Sandy loam gravel 55;limestone 100. Water at 65 and 80.
Con VII " 21	A. Ord	"	May 30	7	20	24	19	"	D,S	Clay stones 37;white limestone 64. Water at 60.



WELLINGTON COUNTY - cont.

Wilmington Twp.-cont. Con VII Con VII	lot 21 " 22	W. Sheppard A.E.G. Leachman;	W. Packham J.R. Sprawl	Aug. 12 Nov. 16	7 4	15 20	40 20	17 16	Fresh "	D D	Sandy loam 15;silty sand loam 35;sand gravel 48. Water at 48. Gravel boulders 20;quicksand gravel 51;grey limestone 65. Water at 60 and 63.
Con VII	" 22	P.W. Richardson	J.L. Graham	Sept. 17	5	10	12	12	"	D	Topsoil 2;gravel stones 8;sand grey clay 50;coarse gravel 52; Water from 50 to 52.
Con VII	" 26	J. Osborn	W. Packham	Jan. 13	6	10	60	40	"	D,S	Stony clay 60;gravel stones 65;limestone 80. Water at 75.
Con VII	" 31	J. Bishop	"	May 5	7	20	21	12	"	D	Clay gravel 30;sand gravel 34;gravel 36. Water at 34.
Con VII	" 5	W. Henry	J.L. Graham	June 2	4	5	80	40	"	D	Topsoil 1;gravel 14;hardpan 20;gravel 24;hardpan 68;brown rock 156;black rock 170;blue rock 179. Water from 150 to 179.
Con VIII	" 5	G.D. Bingham	"	June 23	4	10	50	36	"	D	Topsoil 2;stones clay 15;gravel 17;gravel sand 63;brown rock 135;black rock 140. Water from 125 to 140.
Con VIII	" 5	K.L. Brittoncombe	"	July 15	4	10	54	32	"	D	Topsoil 1;stones clay 30;gravel clay 62;limestone light brown rock 108;brown rock 121. Water from 100 to 121.
Con VIII	" 5	T.A. Gaw	"	Dec. 18	4	5	120	34	"	D	Topsoil 2;stones gravel 15;brown hardpan 30;gravel 34;brown hardpan 64;gravel sand 66;light brown limestone 110;medium dark brown limestone 130;dark brown limestone 168;dark grey limestone 177. Water from 140 to 177.
Con VIII	" 6	R.J. Hodgson	"	July 13	4	10	53	23	"	D	Topsoil 1;stones 13. Water from 108 to 113.
Con VIII	" 6	A.G. Bolliger	"	Sept. 14	4	10	55	20	"	D	Topsoil 1;clay stones 30;gravel 37;sand clay 56;clay 66; gravel hardpan 82;gravel 90;light brown rock 101;dark brown rock 109;black rock 117. Water from 100 to 117.
Con VIII	" 6	W.J. Clarke	"	Sept. 26	4	10	48	29	"	D	Topsoil 1;clay stones 15;clay gravel 25;gravel 35;sand 45; gravel 53;sand 80;gravel 88;brown rock 124. Water from 104 to 124.
Con VIII	" 22	D. Schwartz	W. Packham	Aug. 21	7	6	80	34	"	S	Stony grey clay 40;sand gravel grey clay 67;limestone 90. Water at 88.
Con VIII	" 31	H. Hudson	"	Aug. 11	7	5	100	37	"	D	Brown clay gravel 35;sandy clay gravel 108;limestone 114. Water at 110.
Con IX	" 2	J. Kuz	C. Hill	May 22	4½	10	10	2	"	D	Fill 3;hard grey limestone 40. Water at 40.
Con IX	" 6	R. Hume	"	Dec. 19	4	10	40	22	"	D	Clay 10;gravel 30;clay 46;light brown limestone 102. Water at 102.
Con IX	" 7	Knight Lumber Co.	"	July 25	4	10	40	35	"	D	Clay 40;sand 43;grey limestone 112. Water at 112.
Con IX	" 7	D. Orme	"	Aug. 13	4	10	40	25	"	D	Gravel clay 46;light brown limestone 105. Water at 105.
Con IX	" 7	R. Hume	"	Dec. 12	4	10	70	20	"	D	Clay 30;gravel 43;light brown limestone 100. Water at 100.
Con IX	" 16	Woodlyn Farms Ltd.	J.L. Graham	Nov. 27	4	10	34	30	"	D,S	Topsoil 1;fine sand 20;big stones gravel 32;sand 50;grey clay 72;sort limestone light brown 105;hard dark brown limestone 106. Water from 100 to 106.
Con IX	" 21	H.B. Gibson	"	Sept. 3	6	10	30	26	"	D,S	Sand 16;coarse gravel 30;silt 50;fine sand 68;sand gravel hardpan 70. Water at 69.
Con X	" 1	D. Millard	C. Hill	May 29	4½	10	16	16	"	D	Clay shale 18;hard grey limestone 40. Water at 40.
Gore	" 3	Galt Sportsmen Club	J.L. Graham	Mar. 31	5	10	30	22	"	P	Brown clay stones 15;brown clay fine gravel 50;soft grey clay 5;coarse sand gravel 102. Water from 100 to 102.
Gore	" 17	C. Ande	"	Feb. 6	5	8	40	33	"	D,S	Dug well 28;clay boulders 60;fine sand 12;brown rock 130; black rock 150. Water from 114 to 150.
Gore	" 22	E. Drone	"	Feb. 26	5	10	40	40	"	D,S	Topsoil 1;brown clay gravel 18;hardpan gravel 42;coarse sand gravel 111;light brown rock 132. Water from 114 to 132.
Garafraxa Twp. Con I	lot 19	A.H. Blyton	J.L. Graham	July 30	5	6	37	37	Fresh	D,S	Topsoil 5;grey hardpan stones 100;light yellow clay gravel 11;grey clay gravel 130;grey clay stones 137;grey limestone 168. Water from 155 to 168.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
WELLINGTON COUNTY -cont. West Garafraxa Twp.- cont.										
Con I lot 36	H.Sartisson	G.L. Davidson	Apr. 16	4	4	180	70	Fresh	D, S	Blue clay 60;sand small stone 148;hardpan sand streaks 245; sand 247;hard brown rock 308. Water at 308.
Con II " 9	S.S.# 2	J. Oudney	Mar. 10	4	9	60	35	"	D	Sandy clay 15;clay large stones 40;blue clay 77;grey limestone 177. Water at 177.
Con III " 6	F. Walker	"	Jan. 13	4	10	20	18	"	D	Stony clay 8;grey limestone 67. Water at 67.
Con III " 18	K. Wilson	G.L. Davidson	Nov. 24	4	12	82	70	"	D, S	Dug well 5;red clay 16;clay stones 28;sand 38;quicksand 108; medium hard limestone 182;clay gravel 198;soft brown shale 204;brown medium hard limestone 224;grey hard limestone 238;light brown hard limestone 245. Water at 245.
Con VII " 11	R. Bilton	J. Oudney	Nov. 21	4	9	50	30	"	D	Topsoil 2;stony blue clay 50;hard gravel 75;grey limestone 135. Water at 135.
Con VIII " 4	T.J.Hutchinson	"	Oct. 6	4	19	40	30	"	D	Fine sand 20;sand clay 100;stony clay 125;grey limestone 165. Water at 165.
West Luther Twp.										
Con XIV lot 1	C. Hudson	R.H.Gadke	Aug. 26	4	15	16	16	Fresh	D	Dug well 23;brown shale 76;hard brown limestone 82;sandstone limestone 105. Water at 102.
Con XIV " 1	W. Small	"	Sept. 17	4	10	16	16	"	D	Topsoil 10;clay hardpan 45;gravel 70;light yellow shale 78; brown limestone 108;blue shale 150;loose brown limestone 152. Water at 150.
WENTWORTH COUNTY Ancestor Twp.										
Con I lot 6	L. Pepper	W. Packham	Oct. 28	7	20	50	34	Fresh	D, S	Loam brown clay 20;sand 140;sand 150;sand gravel 155. Water at 155.
Con I " 20	C.G. Smith	R. Lewis	Jan. 20	6	7	150	50	"	D	Sandy clay 105;clay 145;fine sand 169;grey rock 176. Water at 173.
Con I " 39	Dr.J. Minnom	W. Packham	Apr. 4	8	14	100	60	"	D	Clay 25;silty clay 70;limestone 100. Water at 90.
Con II " 39	B. Harrison	M.E. Scriven	Oct. 11	8	5	20	15	"	D	Topsoil 2;brown clay 12;limestone 40. Water at 40.
Con II " 19	J. Dymont	P. Ince	Oct. 11	8	15	100	23	"	D, S	Dug well 45;blue clay 96;limestone 123. Water at 123.
Con II " 52	L. Daub	G.J. Wallis	Aug. 15	8	12	57	30	"	D	Light brown soil 18;grey clay 56;grey clay gravel 64; medium gravel 65. Water from 64 to 65.
Con II " 52	B. Fulsom	"	Sept. 15	6	2	94	15	"	D	Brown sandy soil 3;grey clay 79;red shale 104. Water at 88.
Con II " 53	C.G. McEwen	W. Packham	June 27	6	1	70	30	"	D	Sandy clay 37;limestone 72. Water at 60.
Con II " 54	R. Hilde	D. Shnouch	Apr. 17	6	6	30	30	"	D	Brown clay 30;limestone 44. Water at 44.
Con II " 55	J. Bick	W. Packham	May 19	7	2	30	30	"	D	Clay 36;limestone 75;grey shale 80. Water at 45.
Con III " 14	W. Goodbrand	P. Ince	Mar. 23	7	2	75	35	"	D, S	Loam 4;grey clay 143;limestone 150. Water at 150.
Con III " 21	W.B.Warkle	"	Mar. 26	6	10	70	30	"	S	Loam 4;grey clay 103;limestone 110. Water at 110.
Con III " 24	J. Brooks	W.E. Scriven	May 8	6	5	90	60	"	D, S	Topsoil 2;brown clay 75;blue clay 118;limestone 135. Water at 135.
Con III " 31	D. Edington	P. Ince	Jan. 5	6	13	40	10	"	D	Loam 4;blue clay 82;limestone 85. Water at 85.
Con III " 32	Imperial Oil	S. Gill	June 16	6	1	135	30	"	C	Brown clay 35;sand clay 100;limestone 142. Water at 110.
Con III " 37	Public Utilities	W. Packham	Feb. 2	6						Silty clay 84;limestone 120. Dry hole.
Con III " 43	"	International Water Supply Ltd	Oct. 7	10	100	123	63	Sulphur	F	Surface earth 1;clay sand stones 13;clay 17;sand clay 23; clay 35;sand clay 45;quicksand 57;sand clay 65;clay 119; limestone 208. Water from 203 to 208.
Con III " 47	R. Corsini	P. Ince	July 29	7	4	80	30	Fresh	D	Brown clay 4;blue clay 64;limestone 80. Water at 80.

WENTWORTH COUNTY- cont.

Wentworth County- cont.	Ancestor Twp. - cont.	G. Mays	W.E. Scriven	Nov. 7	6	5	50	30	Fresh	In	
Con III	lot 48										
Con III	" 49	R. Northey	F. Ince	Jan. 2	6	4 1/2	130	40	"	D	Topsoil 2; brown clay 20; fine sandy soil 100; blue clay 109; limestone 152. Water at 152.
Con III	" 50	H. Nickols	E. Constable	Jan. 6	6	3	40	35	"	D	Loam 4; sandy clay 109; limestone 130. Water at 130.
Con III	" 50	A. Brezay	F. Ince	Sept. 19	6	3	60	40	"	D	Clay 20; gravel 40; shale 58; rock 68. Water at 60.
Con III	" 54	J. Bick	W. Packham	July 30	6	3	32	29	"	D	Loam 3; blue clay 68; limestone 76. Water at 76.
Con IV	" 21	J. Butters	W.E. Scriven	Jan. 11	6	3	50	60	Sulphur	D	Clay loam 20; sandy loam 34; limestone 47. Water at 45.
Con IV	" 28	A. Cheeseman	F. Ince	July 9	7	3	108	30	Fresh	D, S	Topsoil 4; brown clay 32; blue clay 103; limestone 155. Water at 155.
Con IV	" 31	H.T. & G.E. Olmstead	E. Doyle	June 16	7	1	90	15	"	C	Topsoil 1; brown clay 4; blue clay 71; limestone 108. Water at 72 and 108.
Con IV	" 48	A. Alderson	F. Ince	Oct. 24	5	4 1/2	136	30	"	D	Brown clay 12; soft grey clay 70; limestone 90. Water at 90.
Con V	" 30	J. Vanderveem	E. Constable	Aug. 19	6	5	22	12	"	D, S	Sandy clay 106; limestone 136. Water at 136.
Con V	" 32	L. Pound	F. Ince	Sept. 15	7	1	160	25	Sulphur	D, S	Topsoil 1; blue clay 28; blue silty muck 49; limestone 60. Water at 58.
Con V	" 34	G. Callon	Mrs. A.E. Clark	Jan. 6	6	5	30	15	"	D	Brown clay 4; blue clay 70; limestone 160. Water from 140 to 160.
Con V	" 42	Maintenance & Storage Yard	R. Embleton & Son	Sept. 18	6	4	98	16	Fresh	D	Topsoil 2; brown clay 30; blue clay 64; limestone 73. Water at 73.
Con VI	" 43	R. Christie	Cross Bros	June 26	6	2	108	25	"	D	Dark brown sand clay loam 10; light brown sand clay loam 16; grey clay sand 20; blue clay pebbles 25; blue clay sand pebbles 7; grey limestone 100. Water at 90.
Con VI	" 45	G. Brauns	"	Jan. 27	6	5	70	40	"	D	Brown clay 35; quicksand 70; sand gravel 81; limestone 108. Water at 108.
Con VII	" 38	M. Sullikowski	F. Ince	May 6	7	1	102	40	"	D	Topsoil 2; blue clay 97; gravel 98. Water at 98.
											Loam 3; grey clay 76; limestone 102. Water at 102.
Barton Twp.	lot 14										
Con VI	" 14	J. Bethune	W.E. Scriven	May 22	6	10	18	7	Sulphur	D	Topsoil 4; brown clay 18; blue clay 27; limestone 32. Water at 32.
Con VI	" 14	Imperial Oil Co.	S. Gill	May 25	6	2	17	12	Fresh	C	Clay 12; limestone 36. Water at 30.
Con VII	" 14	H. Franke	"	May 27	6	7	12	6	"	P	Clay 6; limestone 19. Water at 18.
Con VII	" 15	Brethern Church	W. Packham	July 10	6	7	20	9	"	P	Clay 10; limestone 35. Water at 30.
Con VI	" 20	A. Puchalaski	Cross Bros	Oct. 21	6	5	24	14	"	D	Brown clay 29; limestone 36. Water at 34.
Con VI	" 20	H. Saunders	"	Oct. 23	6	5	24	14	"	D	Brown clay 29; limestone 36. Water at 34.
Con VII	" 6	G. Mark	F. Ince	Jan. 19	6	1	42	15	"	D	Loam 3; blue clay 9; limestone 42. Water at 42.
Con VII	" 6	S. Scriven	W. Scriven	Aug. 21	6	5	55	55	"	D	Topsoil 1; brown clay 6; limestone 75. Water at 75.
Con VII	" 7	St. George's Church	"	Dec. 8	6	5	55	35	"	D	Topsoil 2; brown clay 11; limestone 70. Water at 70.
Con VII	" 12	H. Basulin	W. Packham	Mar. 21	6	10	30	12	"	D	Clay 6; shale 14; solid limestone 55. Water at 45.
Con VII	" 12	S. Oakley	W.E. Scriven	May 2	6	5	15	9	"	D	Brown clay 9; limestone 24. Water at 24.
Con VII	" 12	"	"	May 4	6	3	17	14	Sulphur	D	Topsoil 4; brown clay 18; blue clay 23; limestone 33. Water at 33.
Con VII	" 15	W. Harvey	E. Doyle	Jan. 20	6	10	30	20	Fresh	D	Topsoil 1; limestone 40. Water at 40.
Con VII	" 15	W.B. Smith	R. Embleton & Son	Jan. 21	6	20	59	54	"	D	Dark clay loam 2; brown clay 5; hard grey limestone solid bedrock 57; dark grey limestone bedrock 65; loose bedrock dark limestone 68. Water from 62 to 65.
Con VII	" 16	E. Maderer	Cross Bros	Jan. 7	6	5	20	4	"	D	Topsoil 1; grey clay 9; limestone 31. Water at 31.
Con VII	" 16	J. Kapo	Mrs. A.B. Clarke	Feb. 3	6	10	23	15	"	D	Topsoil 2; brown clay 15; blue clay 18; limestone 41. Water at 41.
Con VII	" 16	E. Maderer	Cross Bros.	Apr. 4	6	5	18	6	"	D	Brown clay 8; limestone 22. Water at 22.
Con VII	" 16	"	"	Apr. 8	6	5	18	6	"	D	Brown clay 8; limestone 22. Water at 22.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Barton Twp.- cont.										
Con VII lot 16	S. Melko	R. Swayze	May 19	6	20	5	5	Fresh	D	Clay 20; limestone rock 30. Water at 28.
Con VII " 16	A. Bussatti	W.E. Scriven	May 21	6	5	46	28	"	D	Topsoil 2; brown clay 11; limestone 58. Water at 58.
Con VII " 16	E. Maderer	Cross Bros	May 21	6	5	30	10	"	D	Drilled well 22; limestone 37. Water at 37.
Con VII " 16	"	"	May 23	6	5	30	10	"	D	Drilled well 22; limestone 37. Water at 37.
Con VII " 16	Wt. Bricklayer	G.J. Wallis	June 1	6	12	22	2	"	D	Light brown clay 9; grey clay 10; grey limestone 32. Water at 30.
Con VII " 16	Aitken	W. Scriven	June 9	6	10	36	14	"	D	Topsoil 2; brown clay 10; limestone 47. Water at 47.
Con VII " 16	Fleetwood Const	F. Ince	June 11	6	1 1/2	24	0	"	D	Loam 2; brown clay 9; limestone 24. Water at 24.
Con VII " 16	R.A. Garside	G.J. Wallis	Dec. 11	6	30	17 1/2	16 1/2	"	D	Light brown clay 8; grey clay 13; grey limestone 27 1/2. Water at 19.
Con VIII " 1	M. Vanwarcoy	E. Doyle	Nov. 15	7	1 1/2	94	30	"	D	Brown clay 7 1/2; limestone 94. Water at 94.
Con VIII " 3	B. Dardnell	D. Ashbaugh	May 18	6	6	17	17	"	D	Blue clay 18; limestone 22. Water at 22.
Con VIII " 3	G.R. Dean	R. Embleton & Son	Sept. 28	6	1 1/2	34	11	"	D	Dark clay loam 4; loose shell rock 2; grey limestone bedrock brown grey limestone bedrock 37. Water from 27 to 35.
Con VIII " 4	B. Bush	W.E. Scriven	May 29	6	5	30	16	"	D	Topsoil 2; brown clay 12; blue clay 17; limestone 46. Water at 46.
Con VIII " 4	D.R. Gordon	R. Embleton & Son	Apr. 16	6	5	31	11	Sulphur	D	Dark clay loam 3; brown clay stone 5; dark light brown clay stone 12; blue grey clay 14; dark light grey limestone 33. Water from 26 to 28.
Con VIII " 5	R. Hawkins	W.E. Scriven	Feb. 5	6	5	18	8	Fresh	D	Topsoil 2; brown clay 15; limestone 30. Water at 30.
Con VIII " 5	W. Matheson	E. Constable	Aug. 28	6	2	45	20	Sulphur	N	Topsoil 1; blue clay 15; limestone 45. Water at 40.
Con VIII " 6	A. Quinn	W.E. Scriven	Apr. 30	6	10	35	35	Fresh	P	Brown clay 10; limestone 70. Water at 40.
Con VIII " 8	J.A. Goettenburg	"	Jan. 29	6	5	30	8	"	D	Brown clay 12; limestone 45. Water at 45.
Con VIII " 8	W. Scriven	"	Sept. 1	6	15	20	20	"	D	Topsoil 1; brown clay 9; limestone 51. Water at 51.
Con VIII " 12	C. Gee	"	Jan. 31	6	6	10	25	Sulphur	D	Topsoil 2; brown clay 21; blue clay 36; limestone 39. Water at 39.
Con VIII " 13	C. Olmstead	"	May 9	6	5	18	12	Fresh	D	Topsoil 4; brown clay 25; blue clay 34; limestone 37. Water at 37.
Con VIII " 13	Danks Const.	S. Gall	Dec. 9	6 1/2	7	32	20	"	D	Grey clay 12; grey rock 34. Water at 32 and 34.
Con VIII " 15	J. MacLeod	"	Dec. 15	6 1/2	10	27	15	"	D	Grey clay 9; sandy clay 17; grey rock 35. Water at 33 and 35.
Con VIII " 16	W. Mueller	E. Doyle	Sept. 24	5	5	50	40	"	D	Brown clay 5 1/2; limestone 67. Water at 67.
Con VIII " 19	R. Pomfret	F. Ince	Mar. 3	5 1/2	8	40	25	"	D	Loam 4; sandy clay 60; limestone 53. Water at 53.
Con VIII " 19	S. Schatsman	W.S. Scriven	May 18	6	10	22	15	"	D	Topsoil 2; brown clay 21; blue clay 39; limestone 48. Water at 48.
Con VIII " 21	D. Woods	E. Constable	Dec. 7	6	6	20	10	"	D	Clay 15; sand 45; limestone 55. Water at 47.
Beverley Twp.										
Con I lot 4	R. Tye	I. Davis	July 14	6	3	83	75	Fresh	D	Hardpan stones 90; cemented gravel 91. Water at 90.
Con I " 9	L. Bishop	F. Ince	Nov. 5	5	8	126	40	"	D,S	Loam 3; blue clay 114; limestone 126. Water at 126.
Con I " 12	Bell Telephone Co.	S. Gall	Dec. 4	5	8	47	45	"	P	Grey clay 20; fine sand 140; gravel 142; grey rock 147. Water at 145.
Con II " 19	D. Witter	"	Aug. 7	6	10	35	20	Sulphur	P	Brown clay 25; sandy clay 57; limestone 62. Water at 60.
Con II " 34	Golf Club	"	June 8	6	10	125	30	Fresh	P	Brown clay 25; sand clay 118; limestone 155. Water at 125 and 150.
Con III " 8	A. Potttruff	"	Feb. 3	6	2	60	35	Sulphur	D	Clay 9; grey rock 73. Water at 40 and 70.
Con III " 12	G. Brown	"	July 27	6	4	15	15	Fresh	S	Brown clay 15; sandy clay 30; limestone 80. Water at 50 and 75.
Con III " 19	N.P. Perry	J.L. Graham	May 26	5	12	16	16	Sulphur	D,S	Topsoil 2; light brown clay 21; grey clay 26; dark brown clay 68; coarse sand 70; light brown lime-tone 75; light grey limestone 100. Water from 80 to 95.
Con III " 22	A. West	W. Packham	July 27	7	4	35	18	"	S	Loam sand 53; limestone 80. Water at 75.
Con III " 23	R. Ireland	S. Gall	Nov. 20	6	10	30	15	Fresh	D	Clay 15; fine sand 40; grey rock 50. Water at 48.

## WENTWORTH COUNTY - cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. Binbrook Twp. -cont. BL.3 Con I lot 5	G. Spaxman	R. Embleton & Son	July 31	6	35	8	5½	Fresh	D	Black loam topsoil 1; brown clay loam 2; hard brown clay 3; brown grey clay 5; grey clay 6; pebbles 1; grey limestone 25. Water from 18 to 21.
BL.3 Con II	S. Dow	S.W. Merritt	Sept. 11	6	16	40	35	"	D	Clay 52; gravel boulders 54; hardpan. Water at 54.
BL.3 Con II	B. Drever	W. Packham	July 9	7	15	30	18	"	D	Clay 5; stone gravel 38; shale 40. Water at 38.
BL.3 Con II	W. Miskin	W. Scriven	July 21	6	10	25	25	"	D	Brown clay 12; blue clay 51; coarse gravel 53. Water at 52.
BL.3 Con II	R. Kendall	G.J. Wallis	Oct. 27	6	20	37	29	"	D	Dark brown topsoil 1; light brown clay 19; grey clay 38; gravel clay 46; coarse sand gravel 47. Water from 46 to 47.
BL.3 Con III	G. Wedge	E. Constable	Oct. 28	6	3	60	30	"	D	Clay boulders 7; shale 75. Water at 73.
BL.3 Con III	N. Horning	W. Scriven	Oct. 20	6	10	60	35	"	D	Topsoil 2; brown clay 40; blue clay 81; coarse gravel 83. Water at 83.
BL.3 Con III	E. Maderer	Cross Bros.	Nov. 30	6	5	40	13	"	D	Brown clay 40; quicksand 65; limestone 73. Water at 73.
BL.4 Con I	M. Berry	S.W. Merritt	Feb. 29	6	16	8	8	"	D	Clay 27; limestone 26. Water at 26.
BL.4 Con I	E. Fletcher	E. Constable	June 5	6	3	16	10	"	D	Clay 37; limestone 29. Water at 29.
BL.4 Con II	C. Cox	G.J. Wallis	Jan. 8	6	30	30	26	"	D	Light brown clay 17½; grey clay 38½; broken limestone 39½; solid limestone 40. Water at 39.
BL.4 Con II	L. Marshall	E. Constable	Sept. 4	6	37	15	15	"	D	Topsoil 1; brown clay 19; limestone 37. Water at 35.
BL.4 Con II	R. Kinsman	"	Sept. 14	6	41	28	28	"	D	Topsoil 1; brown clay boulders 35; limestone 43. Water at 41.
BL.4 Con II	Dr.D. Coombs	F. Ince	Apr. 13	6	1	55	20	Sulphur	D	Topsoil 3; blue clay 23; limestone 55. Water at 55.
BL.4 Con II	D. Bell	E. Constable	Apr. 25	6	6	8	8	Fresh	D	Blue clay 24; limestone 28. Water at 26.
BL.4 Con II	K. Laidman	W. Scriven	June 3	6	5	37	12	"	D	Topsoil 2; brown clay 18; blue clay 22; limestone 53. Water at 53.
BL.4 Con II	H. Fletcher	W. Packham	July 6	7	15	25	18	"	D,S	Clay 25; limestone 33. Water at 30.
BL.4 Con II	E. Vainio	"	July 7	7	5	20	20	Sulphur	D	Clay 21; limestone 52. Water at 50.
BL.4 Con II	N. Fletcher	"	July 28	7	5	25	18	"	D	Brown clay 19; limestone 30. Water at 28.
BL.4 Con II	W. Tomkinson	"	July 29	7	5	25	15	"	D	Clay 16; limestone 29. Water at 27.
BL.4 Con II	G. Clarke	W. Scriven	Aug. 4	6	10	8	8	Fresh	D	Brown clay 10; blue clay 20; limestone 24. Water at 24.
BL.4 Con III	L. Laidman	S.W. Merritt	Mar. 18	6	12	80	65	"	S	Clay 87; sand 92; limestone 102. Water from 95 to 102.
BL.4 Con IV	T. Curran	F. Merritt	June 3	5	12	25	23	"	D	Clay 62; shale. Water at 62.
BL.4 Con IV	J. Bataglia	E. Constable	Dec. 18	6	6	54	25	"	D	Topsoil 3; brown clay boulders 82; hardpan 84; gravel 86. Water at 84.
BL.5 Con I	H. Dewyre	E. Doyle	Sept. 9	7	1	49	34	"	D	Topsoil 1; brown clay 37; limestone 49. Water at 49.
BL.5 Con II	W. Ross	E. Constable	Mar. 11	6	1	18	10	Sulphur	D	Clay 24; limestone 33. Water at 30.
BL.5 Con II	G.J. Fossen	R. Embleton & Son	Nov. 21	6	25	12	9½	Fresh	D	Dark loam topsoil 2; brown clay loam 4; light dark clay loam 6; grey clay pebbles 13; blue clay 17; brown limestone bedrock 22. Water from 20 to 21.
BL.5 Con II	A. Hawthorne	E. Constable	Mar. 9	6	1	30	10	"	D	Clay 22; limestone 32. Water at 30.
BL.5 Con II	G. Melko	G.J. Wallis	Nov. 2	6	3	35	23	"	D	Brown topsoil 1½; light brown clay 20; grey clay 24½; grey limestone 45; water at 43.
BL.5 Con III	J. DeBoer	E. Constable	Sept. 30	6	3	34	12	"	D,S	Dug well 20; blue clay 28; limestone 36. Water at 34.
BL.5 Con IV	W. Whitwell	"	July 27	6	3	63	20	"	D,S	Topsoil 1; brown clay 20; fine sand 80; limestone 87. Water at 83.
Con VII	R. Laidman	"	Aug. 22	6	4	35	20	"	D	Topsoil 1; blue clay 55; hardpan 56; coarse gravel 58. Water at 58.
Con VIII	J. Tennakat	"	June 17	6	2	22	20	"	D	Blue clay stones 44; boulders limestone 47. Water at 45.
E. Flamborough Twp. Con III lot 1	E. Jany	Cross Bros.	Oct. 16	6	5	17	12	Fresh	D	Brown clay boulders 22; limestone 33. Water at 32.
Con III	H. Pederson	W. Scriven	Nov. 13	6	10	25	15	"	D	Topsoil 2; brown clay 10; blue clay 22; limestone 48. Water at 48.
Con III	"	"	Nov. 15	6	10	25	15	"	D	Topsoil 2; brown clay 10; blue clay 22; limestone 48. Water at 48.



## WENTWORTH COUNTY -cont.

E. Flamborough - cont.		Aug. 14 Oct. 22	6	1	42 42	17 16	Fresh	D T	
Con III	A. Hall Village of Watertown	Oct. 22	8	7	42	42	"		Brown clay 19; limestone 42. Water at 42. Clay loam 3; limestone 60; blue shale 61½. Water at 32 and 34.
Con III	"	May 7	6	10	3	2	"		Brown clay 27; limestone 22. Water at 22.
Con III	H. Parks	Aug. 13	6	3	2	5	"		Topsoil 1; blue clay 17; coarse gravel 19. Water at 19.
Con III	R. Krukeberg	Aug. 13	7	20	15	7	"		Brown clay 10; broken rock 15; solid limestone 20. Water at 18.
Con III	F. R. Foller	Sept. 18	6	5	70	22	"		Old drilled well 45; limestone 70. Water at 70.
Con III	H.A. Jessop	Feb. 12	6	7	20	15	"		Light brown sandy soil 3; light brown clay 14; grey limestone 30. Water at 28.
Con III	G.J. Wallis	May 5	6	8	80½	30	"		Brown topsoil 28; broken limestone 6; solid limestone 19; hard blue rock 39½; blue shale 52; red shale 64; grey shale 90; red shale 91. Water at 70 and 90.
Con III	J. Pretula	Sept. 6	6	3	55	30	"		Blue clay 28; limestone 60. Water at 55.
Con III	N. Moon	Nov. 28	6	1	22	9	"		Fill clay 5; brown clay 12; gravel 14; grey limestone 50. Water at 22.
Con III	J.B. Rutten	May 14	8	15	40	3	"	P	Clay 3; shale 5; solid limestone 42; grey blue shale 50. Water at 16 and 35.
Con IV	W. Packham	Oct. 12	6	5	60	15	"	S	Clay 17; limestone 60. Water at 60.
Con IV	B.O'Connor	June 28	6	4	45	12	"	D	Sandy clay 12; limestone 45. Water at 45.
Con IV	J.B. Rutten	Oct. 2	8	1	45	10	"	T	Coarse sand 20; fine sand 39½; limestone 58; blue shale 68; blue red shale 70.
Con IV	W. Packham	Oct. 7	7	8	30	15	"	S	Brown sandy clay 16; limestone 34. Water at 30.
Con IV	J.B. Rutten	Oct. 15	8	35	35	7	"	T	Black loam 2; sand 18; clay boulders 25; limestone 56; blue shale 72; red shale 73. Water from 36 to 38.
Con IV	S. Gill	June 2	6	3	40	5	"	2-59	Brown clay 10; sandy clay 26; limestone 50. Water at 35 and 46.
Con IV	W. Packham	June 29	6	10	45	25	"	D	Sandy clay 30; sand 52; limestone 56. Water at 54.
Con IV	E. Constable	Sept. 9	6	10	13	10	"	D	Clay 19; sand 54; limestone 60. Water at 56.
Con IV	B. O'Connor	Sept. 30	7	15	30	19	"	D	Brown sandy clay 2; brown clay 18; limestone 21. Water at 21.
Con V	R. Porch	Apr. 22	7	15	30	22	"	D	Clay 16; clay stones 39; limestone 60. Water at 45.
Con V	D. Kuruk	June 4	7	15	30	19	"	D,C	Clay stones 45; limestone 60. Water at 48.
Con V	J. Milne	Mar. 19	6	5	40	12	"	D	Sandy soil 54; limestone 64. Water at 64.
Con V	H. Parks	June 9	6	20	43	40	"	D	Dark loam topsoil 2; dark sandy loam brown sandy loam 12; dark brown sand 28; gravel 39; light dark grey limestone bedrock 65.
Con V	Taylor Bros. E. Embleton & Son Cont. etc.	June 9	6	20	43	40	"	D	Water from 61 to 63.
Con V	W. Packham	Oct. 5	7	3	20	32	"	D	Brown sandy clay 60; sand stones fine gravel 75. Water at 75.
Con V	D. Ashbough	Oct. 24	6	2	38	28	"	D	Brown clay 30; red sand boulders 7. Water at 75.
Con V	B. McCammon	Sept. 10	7	20	25	21	"	D	Dug well 16; fine brown sand 58; limestone 64. Water at 62.
Con VI	J. Atridge	July 31	7	20	25	21	"	D	Sandy loam 15; fine sand 45; sandy gravel 52; coarse gravel 56; limestone 57. Water at 56.
Con VI	"	July 11	7	15	50	22	"	C	Limestone 57. Water at 56.
Con VII	O.E. Marshall	July 11	7	15	50	22	"	C	Sandy clay 20; silty sand 45; sand 60; sand gravel 68; rock 70. Water at 68.
Con VII	A. Wellborn	May 11	7	20	25	3	"	D	Clay stone 5; shale 14; solid limestone 31. Water at 30.
Con VII	K. Harper	July 16	7	8	29	4	"	S	Clay sand 10; limestone 16. Water at 14.
Con VII	G.J. Wallis	July 29	6	8	12	21	"	S	Light brown soil sand gravel 13; grey limestone 20; limestone blue rock 35. Water at 32.
Con VII	"	Feb. 9	6	3	133	28	"	S	Brown sandy soil 9; brown sandy soil gravel 17; brown soil cemented sand gravel 31½; blue shale 49; red shale 58; grey shale gravel 67; red shale 71; bluish grey shale 73; red shale 74; blue shale 90; red shale 95; blue shale 103; white grey soft limestone 132; blue shale 137; red shale 143. Water at 31½.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE <sup>2</sup>	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. E. Flamborough -cont. Con VIII lot 1	E.L. Dubois	G.J. Wallis	Oct. 9	6	12	51	51	Fresh	D	Red brown sandy soil gravel 20; grey clay gravel yellow rock 36; yellow rock 50; brown grey rock 60; blue shale 61. Water at 61.
Con VIII	B. Cairns	W. Packham	Oct. 16	7	4	60	28	"	D	Brown clay gravel 38; limestone 65. Water at 62.
Con VIII	W. Pegge	"	Oct. 17	7	20	60	37	"	D	Brown stony clay 66; limestone 80. Water at 78.
Con VIII	M.H. Bogle	J.L. Graham	Jan. 9	4	10	25	23	"	D,S	Dug pit 7; hardpan 28; coarse sand 30; rock light brown limestone 37; rock light grey limestone 50. Water from 38 to 50.
Con VIII	T. Dixon	W. Packham	July 13	7	15	25	14	"	D	Sand gravel 27; limestone 50. Water at 48.
Con VIII	C. Harper	"	May 2	7	20	20	4	"	D	Sandy loam 30; loam sand gravel 40; sand gravel 45; gravel 48. Water at 46.
Con VIII	K. Lush	"	June 3	7	4	50	27	"	D	Clay stones 50; broken rock gravel 58. Water at 56.
Con VIII	G. Walker	Cross Bros.	June 10	7	10	30	10	"	D	Topsoil 2; brown clay 10; sand gravel 38; limestone 41. Water at 41.
Con VIII	S. Zimmerman	W. Packham	Aug. 29	7	4	35	23	"	D	Grey clay 20; grey clay stones 35; stone boulders 40. Water at 40.
Con VIII	A. Gray	"	Sept. 25	7	20		Flows	"	D	Sand grey clay 20; gravel stone brown clay 40; coarse gravel 44. Water at 44.
Con VIII	V. Kraus	"	Oct. 13	7	10	25	13	"	C	Sandy brown loam 45; sand gravel boulders 23; limestone 30. Water at 28.
Con VIII	P. Hall	"	Dec. 17	7	4	100	41	"	D	Old well 25; fine gravel clay 95; limestone 122. Water at 110.
Con IX	V.B. Smith	J.B. Ruttan	Apr. 17	6	6	92	29	"	S	Gravel-boulders 40. Water from 29 to 40.
Con IX	Carlsle Com- munity Centre	W. Packham	Jan. 7	8	10	12	3	"	P	Loam clay 20; gravel loam 45; sand gravel 55; gravel 65. Water from 60 to 65.
Con IX	R. Forde	"	May 1	6	20	45	37	"	D	Sandy loam 35; silty loam 65; sand 67; rock 72. Water at 71.
Con IX	A. Transley	"	Sept. 7	7	20		Flows	"	D	Old dug well 18; fine gravel stone clay 45; coarse gravel 50. Water at 50.
Con IX	G. Buzza	"	Sept. 29	7	20	15		"	D	Brown sandy loam 25; sand gravel 35; coarse gravel 40. Water at 40.
Con IX	C. Eaton	J.B. Ruttan	Oct. 27	6	20	13		"	D	Sandy loam 6; sand gravel 37; limestone 43. Water at 41.
Con IX	E. Gudat	W. Scriven	Sept. 3	6	15	6	7	"	D	Sandy brown clay 9; limestone 38. Water at 38.
Con X	E.B. Cooke	W. Packham	Aug. 28	5	20	11	10	"	D,S	Old dug well 16; grey clay stones 27; broken rock 35; solid limestone 42. Water at 40.
Con X	B. Cairns	"	Dec. 18	7	20	25	12	"	D	Grey clay stones 15; limestone 34. Water at 32.
Con X	H. Neiles	"	Nov. 2	7	10	30	35	"	D	Grey clay gravel 26; limestone 35. Water at 33.
Con XII	C. McCarthy	"	Sept. 3	7	6	80	40	"	S	Old dug well 38; stony grey clay 65; limestone 92. Water at 90.
Con XII	V. Hall	"	Dec. 10	7	6	90	43	"	D	Stony grey clay 66; limestone 95. Water at 92.
Con XII	A. Elliott	"	Jan. 23	8	10	80	32	"	D,S	Clay 45; clay gravel 78; bluish white limestone 112. Water at 108.
Con XII	S. Shanks	"	Aug. 7	5	50	10	24	"	D	Brown clay 14; grey broken rock 24; solid limestone 50. Water at 40 and 45.
Con XIII	E.C. Dredge	J.R. Sprowl	Aug. 15	4	5	65	65	"	D	Sand 3; clay gravel 50; stones gravel clay 60; grey limestone 131. Water at 75 and 128.
Con XIV	R. Lewis	G.J. Wallis	Aug. 14	6	3 1/2	13	7	"	D	Light brown sandy soil gravel 6; yellow brown rock 23. Water at 12 and 21.
Glanford Twp. lot 2	A. Coldsack	P. Ince	July 31	7	15	116	30	Fresh	D	Brown clay 4; blue clay 57; limestone 116. Water at 116.
Con I	P. Daly	Cross Bros.	Feb. 20	6	10	40	23	"	D	Clay 38; rock 53. Water at 51.
Con I	X. Amis	P. Ince	July 11	6	5	45	25	"	D	Drilled in basement 5; blue clay 37; limestone 45. Water at 38.
Con I	H. Bootsma	"	Oct. 22	6 1/2	5	30	20	"	D	Blue clay 36; limestone 40. Water at 40.
Con I	H. Keesmat	Cross Bros.	Feb. 25	6	10	40	20	"	D	Clay 49; gravel 51. Water at 51.
Con I	A. Alderson	P. Ince	May 8	7	1 1/2	68	30	"	D	Blue clay 40; limestone 68. Water at 68.

Glenford Twp. - cont.									
Con I	A. Alderson	E. Doyle	May 20	6	2 1/2	64	30	Fresh	D
Con I	A. Alderson	E. Doyle	May 20	6	2 1/2	64	30	Fresh	D
Con I	A. Wouters	W. Scriven	June 1	6	5	55	30	"	D
Con I	J. Voortman	"	June 4	6	15	73	20	"	D
Con I	R. Burger	F. Ince	July 6	6	8	73	34	"	D
Con I	A. Alderson	"	July 8	6	6 1/2	67	32	"	D
Con I	"	"	July 10	6	6 1/2	67	32	"	D
Con I	"	"	July 15	6 1/2	6 1/2	65	30	"	D
Con I	"	"	Oct. 15	6 1/2	6 1/2	65	30	"	D
Con I	"	"	Dec. 8	7	2 1/2	72	30	"	D
Con I	G. Smith	S. Gill	Sept. 2	6	4 1/2	41	25	Sulphur	D
Con I	F. Daly	Cross Bros	July 3	6	6	6	20	Fresh	D
Con I	H. Muhlenstein	"	Aug. 6	6	5	20	12	"	D
Con I	J. Schotsman	W. E. Scriven	Oct. 28	6	5	18	12	"	D
Con I	G. Smith	"	June 30	6	5	25	20	"	D
Con I	L. White	D. Ashbaugh	May 25	6	1	21	6	"	D
Con I	R. Glover	R. Embleton & Son	Jan. 8	6	1	41	23	"	D, C
Con I	"	"	"	6	5 1/2	40	15	"	D
Con I	L. Harbottle	F. Ince	Jan. 22	6	4 1/2	42	22	"	D
Con I	"	"	Jan. 27	6	4	42	15	"	D
Con I	H. Harbottle	E. Doyle	June 27	6	10	46	25	"	D
Con I	F. Fleer	W. E. Scriven	May 15	6	5	46	25	"	D
Con I	L. Harbottle	E. Constable	July 30	6	2	30	12	"	D
Con II	A. Hickson	S. Gill	July 1	6	1	25	20	"	D
Con II	"	"	July 9	6	1	55	50	"	D
Con II	"	"	Aug. 6	7	7	120	30	"	D
Con II	"	"	Aug. 12	7	7	130	30	"	D
Con II	"	F. Ince	Aug. 15	7	7	122	30	"	D
Con II	"	"	Aug. 17	7	7	10	40	"	D
Con II	R. Pringle	"	Aug. 19	7	7	10	40	"	D
Con II	"	"	"	7	7	10	15	"	D
Con II	"	E. Doyle	Sept. 11	7	7	10	15	"	D
Con II	"	"	"	7	7	10	15	"	D
Con II	A. Hickson	"	Sept. 18	7	7	123	40	"	D
Con II	"	"	"	7	7	123	40	"	D
Con II	A. Thompson	E. Constable	Oct. 22	6 1/2	145	30	30	"	D
Con II	B. Pringle	F. Ince	Oct. 25	6 1/2	10	20	10	"	D
Con II	H. Hickson	S. Gill	Nov. 11	6	10	132	30	"	D
Con II	A. Tremblay	"	Nov. 18	6	128	128	35	"	D
Con II	A. Hickson	E. Doyle	Nov. 20	6	128	128	35	"	D
Con II	"	"	Nov. 29	6	129	129	40	"	D
Con II	"	"	Dec. 10	2	62	62	62	"	D
Con II	B. Jeffreys	F. Ince	Jan. 15	6	62	62	25	"	D
Con II	M. S. Happy	Cross Bros.	Mar. 2	6	5	70	12	"	D
Con II	M. Leclair	"	Mar. 9	6	5	64	12	"	D
Con II	T. Hammond	E. Constable	Jan. 12	6	5	64	12	"	D
Con II	W. Stringer	S. Gill	Sept. 10	6 1/2	72	72	32	"	D
Con II	E. Miles	S. W. Merritt	Jan. 3	6	16	40	38	"	D
Con II	"	"	Jan. 30	6	16	30	35	"	D
Con II	"	"	Jan. 30	6	1	98	30	"	D
Con II	H. Seebeck	F. Ince	June 12	6	6 1/2	67	28	"	D
Con II	G. Leest	E. Constable	Sept. 9	6	6 1/2	97	30	"	D
Con II	Elzinga	Cross Bros.	June 12	6	6 1/2	97	30	"	D
Con II	Dekker	"	Sept. 9	6	6 1/2	97	30	"	D
Con II	P. Daly	"	Oct. 14	6	1	80	30	"	D
Con II	Elzinga	"	Mar. 25	6	5	40	20	"	D
Con II	Dekker	"	July 18	6	2	60	12	"	D

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Glenford Twp. - cont.										
Con I	Elzinga & Dekker	Cross Bros.	Nov. 7	6	3	60	20	Fresh	D	Brown clay 26;limestone 62. Water at 60.
Con II	G. Weatherbea	W.E. Scriven	Oct. 1	6	3	40	22	"	D	Topsoil 2;brown clay 20;blue clay 42;limestone 54. Water at 54.
Con II	"	"	Nov. 10	6	10	25	24	"	D	Topsoil 2;brown clay 22;blue clay 40;limestone 55. Water at 55.
Con II	V. Graham	S.W.Merritt Jr.	Mar. 9	6	12	52	45	Sulphur	D	Clay 3;limestone 73. Water at 55 and 73.
Con II	A. Smith	E. Doyle	Jan. 28	6	10	50	40	Fresh	D	Old drilled well 50;limestone 71. Water at 71.
Con II	S. Keizer	E. Constable	Feb. 8	6	3	40	35	"	D	Clay 42;limestone 62. Water at 60.
Con II	N. McFarlane	"	Apr. 6	6	2	30	20	"	D	Blue clay 35;limestone 54. Water at 40.
Con II	N. Seasar	"	Apr. 16	6	3	36	16	"	D	Deepened well 40 to 62;limestone. Water at 58.
Con II	S. Stetnell	"	July 11	6	1	53	20	"	D	Topsoil 1;blue clay 31;limestone 53. Water at 36.
Con II	R. Knox	D. Ashbaugh	Sept. 18	6	1	50	10	"	D	Brown clay 10;blue clay 31;limestone 57. Water at 57.
Con II	B. Griffiths	W.E.Scriven	Dec. 24	6	10	28	25	"	D	Topsoil 2;brown clay 21;blue clay 35;limestone 62. Water at 62.
Con III	R. Budd	E. Doyle	June 10	7	1	129	30	"	D	Brown clay 12;sandy clay 100;limestone 129. Water at 129.
Con III	E. Harbridge	E. Constable	Apr. 21	6	1	79	27	"	D	Brown clay 20;sand 65;limestone 97. Water at 68.
Con III	J. Leshyn	"	Oct. 14	6	3	80	30	"	D	Topsoil 3;clay 20;sand 69;limestone 80. Water at 72.
Con III	S. Leshyn	"	Nov. 23	6	3	80	30	"	D	Topsoil 4;clay 20;sand 66;limestone 80. Water at 70.
Con III	D. Arthers	W.E. Scriven	Dec. 18	6	3	38	20	"	D	Topsoil 2;brown clay 25;blue clay 51;limestone 95. Water at 95.
Con III	S. Echer	E. Constable	Aug. 5	6	3	54	15	"	D	Topsoil 1;blue clay 28;limestone 54. Water at 35.
Con III	J. Jervis	"	Aug. 7	6	1	50	15	"	D	Topsoil 1;blue clay 29;limestone 60. Water at 36.
Con III	S. Wojtowicz	"	June 4	6	1	30	14	Sulphur	D	Clay 32;limestone 40. Water at 34.
Con III	M. Wojtowicz	"	Sept. 18	6	10	7	20	"	N	Drilled well brown clay 33;limestone 39. Water at 37.
Con III	"	"	Dec. 30	6	10	38	20	"	D,S	Topsoil 2;brown clay 20;blue clay 38;limestone 41. Water at 41.
Con III	L. Brown	"	July 15	6	1	60	20	Fresh	D	Topsoil 1;blue clay 38;limestone 60. Water at 40.
Con IV	United Church	"	July 2	6	10	50	45	"	P	Clay 108;shale 114. Water at 110.
Con IV	P. Wiersma	W.E. Scriven	Mar. 26	6	15	95	55	"	D	Topsoil 4;brown clay 55;sandy soil 70;blue clay 108;limestone 110. Water at 110.
Con IV	H. Anthony	W. Packham	July 4	5	6	90	37	"	D	Clay 40;silty clay 125;limestone 135. Water at 130.
Con IV	A.A. Smith	"	Feb. 5	6	10	60	34	"	D,S	Clay 94;limestone 112. Water at 110.
Con IV	J. Mills	"	May 16	5	20	55	38	"	D	Clay 98;limestone 105. Water at 103.
Con IV	Elzinga & Dekker	Cross Bros.	Apr. 17	5	10	40	20	"	D	Brown clay 40;quicksand gravel 56;limestone 64. Water at 64.
Con IV	G. Bartellor	E. Constable	May 25	6	10	15	7	"	D	Topsoil 4;blue clay stones 46;boulders gravel 56;blue shale 60. Water at 57.
Con V	Elzinga & Dekker	Cross Bros.	Jan. 12	6	10	50	20	"	D	Topsoil 2;clay quicksand 85;limestone 100. Water at 100.
Con V	"	"	May 6	6	10	40	20	"	D	Brown clay 40;quicksand 90;coarse gravel 93. Water from 90 to 93.
Con V	D. Bartolini	"	Sept. 24	6	5	72	62	"	D	Brown clay 40;quicksand 98;limestone 102. Water at 102.
Con V	J. Moore	F. Ince	Oct. 13	6	8	80	45	"	D	Loam 4;blue clay 163;shale 109. Water at 103.
Con V	B. Murray	"	Oct. 27	5	10	50	45	"	D	Loam 4;blue clay 99;shale 100. Water at 100.
Con V	Elzinga & Dekker	Cross Bros.	Oct. 29	6	5	70	60	"	D	Brown clay 40;quicksand 94;limestone 110. Water at 110.
Con V	"	"	Jan. 20	6	10	50	30	"	D	Topsoil 2;blue clay 114;gravel 115. Water at 115.
Con V	W. Morris	"	Apr. 27	6	10	60	30	"	D	Brown clay 40;quicksand 100;coarse gravel 105. Water at 105.
Con V	S. Oakley	W. Scriven	Sept. 17	6	15	50	50	"	D	Brown clay 20;blue clay 43;fine sand 60;blue clay 115;coarse gravel 117. Water at 110.
Con V	H. Thornton	Cross Bros.	Apr. 23	6	60	10	30	"	D	Brown clay 40;quicksand 100;coarse gravel 102. Water at 102.

WENTWORTH COUNTY -cont.

Glaford Twp. -cont. Con V	lot 14	"	14	"	"	W.E. Scriven	K. PetriQuin	June 20	6	20	55	55	Fresh	D	Topsoil 2; brown clay 50; blue clay 100; coarse gravel 102. Water at 102.
Con V	"	"	14	"	"	"	"	June 24	6	20	55	55	"	D	Topsoil 2; brown clay 50; blue clay 99; coarse gravel 101. Water at 101.
Con V	"	"	14	"	"	"	"	June 26	6	20	55	55	"	D	Topsoil 2; brown clay 50; blue clay 100; coarse gravel 102. Water at 102.
Con V	"	"	14	"	"	E. Doyle	H. Childerley	July 3	7	10	30	30	"	D	Topsoil 1; brown clay 98; coarse gravel 104. Water at 104.
Con V	"	"	14	"	"	W.E. Scriven	K. PetriQuin	July 7	6	101	55	55	"	D	Brown clay 8; grey clay 50; blue clay 100; coarse gravel 102. Water at 101.
Con V	"	"	14	"	"	"	"	July 9	6	10	55	55	"	D	Brown clay 9; grey clay 49; blue clay 96; coarse gravel 98. Water at 98.
Con V	"	"	14	"	"	"	"	July 13	6	10	55	55	"	D	Brown clay 9; grey clay 45; blue clay 95; coarse gravel 97. Water at 96.
Con V	"	"	14	"	"	"	"	July 18	6	10	55	55	"	D	Brown clay 10; grey clay 46; blue clay 95; coarse gravel 97. Water at 96.
Con V	"	"	14	"	"	"	"	Aug. 6	6	10	55	55	"	D	Brown clay 9; grey clay 45; blue clay 94; coarse gravel 97. Water at 96.
Con V	"	"	14	"	"	"	"	Aug. 14	6	10	55	55	"	D	Brown clay 10; grey clay 45; blue clay 90; limestone 96. Water at 96.
Con V	"	"	14	"	"	"	"	Aug. 16	6	10	55	55	"	D	Brown clay 10; grey clay 45; blue clay 90; limestone 97. Water at 97.
Con VI	"	"	14	"	"	"	"	July 24	6	16	45	38	"	S	Clay 72; limestone 81. Water at 81.
Con VI	"	"	5	"	"	S.W. Merritt	G. Scott	Mar. 14	6	10	50	15	"	D	Brown clay 55; quicksand 75; coarse gravel 85. Water at 85.
Con VI	"	"	5	"	"	Cross Bros.	Knight's Bros.	Mar. 30	6	10	50	15	"	D	Brown clay 55; quicksand 75; coarse gravel 82. Water at 82.
Con VI	"	"	6	"	"	"	L. Roy	July 11	6	5	30	25	"	D	Brown clay 40; quicksand 81; coarse gravel 85. Water from 81 to 85.
Con VI	"	"	6	"	"	"	"	Aug. 18	7	10	100	50	"	D	Brown clay 4; blue clay 99; blue shale 100. Water at 100.
Con VI	"	"	6	"	"	P. Ince	J. Toth	Oct. 17	6½	6	65	50	"	D	Loam 4; blue clay 99; gravel 100. Water at 100.
Con VI	"	"	6	"	"	"	L. Roy	Nov. 3	6	5	41	21	"	D	Brown clay 40; quicksand 80; fine gravel 81. Water at 81.
Con VI	"	"	16	"	"	Cross Bros.	M. Scott	July 24	6	15	20	20	"	D	Brown clay 22; blue clay 86; limestone 90. Water at 90.
Con VII	"	"	1	"	"	W.E. Scriven	R. Mitchell	Apr. 30	6	35	24	18	"	D	Dark loam topsoil 1; dark clay loam 2; yellow sand clay loam 4; grey clay sand 18; blue silty clay sand 65; blue clay sand pebbles 68; grey brown limestone bedrock 75. Water from 70 to 73.
Con VII	"	"	6	"	"	Cross Bros.	T. Steenlof	Jan. 3	6	10	50	20	"	D	Topsoil 1; grey clay 78; gravel 82. Water at 82.
Con IX	"	"	13	"	"	W. E. Scriven	V. Dunham	Dec. 12	6	10	30	25	"	D	Topsoil 2; brown clay 53; blue clay 70; gravel 70. Water at 72.
Con IX	"	"	15	"	"	"	A. Elliott	Sept. 21	6	10	25	20	"	D	Topsoil 2; brown clay 18; blue clay 53; coarse gravel 55. Water at 55.
Saltfleet Twp.	lot 12	"	12	"	"	"	"	Sept. 4	6	10	12	8	Fresh	D	Brown clay 4; red shale 40. Water at 37.
Con I	"	"	16	"	"	H.W. Comfort	W.C. Hamilton	June 27	8	2	15	7	"	D	Red clay 4; red shale 25. Water at 22.
Con II	"	"	17	"	"	G.J. Wallis	G. Bacheuk	Sept. 12	8	10	20	12	"	D	Brown clay 3; red clay 3; red shale 38. Water at 35.
Con III	"	"	7	"	"	P. Merritt	J. Docherty	June 20	5	1	50	25	"	D	Clay 3; red shale 59. Water at 36.
Con III	"	"	4	"	"	S. Sukow	T. Grosul	Aug. 31	6	10	20	14	"	S	Dark well 12; limestone 43. Water at 40.
Con IV	"	"	5	"	"	H.W. Comfort	G. Grosul	Sept. 3	6	10	20	14	"	S	Dark clay 3; grey limestone. Water at 36.
Con V	"	"	3	"	"	"	A. Angel	Aug. 25	6	5	28½	16	Sulphur	D	Brown topsoil 1; light brown clay 10; grey clay 26½; grey limestone 38½. Water at 37.
Con V	"	"	20	"	"	"	D. Keenan	Nov. 24	6	1	19½	6	Fresh	D	Light brown clay 8; grey limestone 29½. Water at 28.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Satirleet Twp. - cont. Con V lot 20 Con V lot 25	S. Mason C.S. Marshall Const. Ltd.	S.W. Merritt R. Embleton & Son	Dec. 26 June 15	6 7	16 15	36 41	25 28	Fresh Sulphur	D D	Clay 9; rock 56. Water from 35 to 56. Dark clay loam 8; brown clay stone 11; light brown clay broken stone 2; rock 3; grey limestone bedrock 48; light dark grey limestone bedrock 56. Water from 48 to 51. Clay 15; limestone 36. Water at 28 and 36. Clay 15; shale 20; limestone 26. Water at 26. Brown clay 13; limestone 41. Water at 50. Clay 13; limestone 41. Water at 41. Dark clay loam 3; dark brown clay 5; dark light brown clay 7; grey clay pebbles 11; blue clay 16; blue clay loose bedrock 18. Dark grey limestone bedrock 39; light dark grey limestone bedrock 53. Water from 38 to 42. Tosoll 1; brown clay 12; grey limestone 32. Water at 30. Brown clay stones 7; loose shell rock clay topsoil 9; grey limestone bedrock 41. Water from 33 to 38. Clay 16; limestone 27. Water at 26. Tosoll 1; blue clay 30; limestone 44. Water at 35.
" 8 " 11 " 14 " 19 " 25	S. Szczawinski L. Nevilles L. Roy J. Swaerdens Pintys Foultry Ltd.	S.W. Merritt Cross Bros. S.W. Merritt R. Embleton & Son	June 4 May 25 Oct. 8 Sept. 26 Apr. 14	5 5 6 6 6	8 14 15 12 30 40	18 15 50 10 42	15 12 16 15	" " Fresh Sulphur	D D D In D	
" 25 " 30	J. Blundell B. Feirer Est.	" "	Sept. 4 Aug. 18	6 6	20 20	18 22	10 15	Fresh "	D D	
" 6 " 17	B. Krawchuk Wentworth County	P. Merritt E. Constable	May 22 July 24	5 6	10 2	20 20	17 10	" "	D, S P	
" 22 " 25 " 25	A. Page M. McDonald M. Horitchie	H.W. Comfort E. Constable R. Embleton & Son	Nov. 2 Sept. 2 Oct. 9	6 6 6	10 3 20	26 20 19	20 10 11	" " "	D D D	Brown clay 18; blue clay 23; hard grey limestone 37. Water at 35. Tosoll 1; blue clay 15; limestone 30. Water at 28. Dark loam 8; dark clay loam 1; brown clay 4; light dark brown clay 9; loose shaly rock 10; grey limestone bedrock 31. Water from 27 to 29. Brown clay 13; limestone 29. Water at 29. Dark clay loam 2; brown clay 4; light dark brown clay 7; grey clay pebbles stones 9; grey limestone bedrock 27; light dark grey limestone bedrock 38. Water from 31 to 34. Tosoll 2; brown clay 4; limestone 45. Water at 45. Fill 3; brown clay 7; limestone 21. Water at 21. Brown clay 18; blue clay 47; dark grey limestone 66; light grey limestone 97. Water at 66. Dark brown clay loam 1; brown clay stone 3; light brown grey clay 7; grey clay stone soft blue clay 40; blue clay grit 44; grey limestone bedrock 55. Water from 49 to 51. Brown clay loam 2; brown clay stones 5; grey brown clay 7; grey brown limestone bedrock 24; dark grey limestone bedrock 29. Water from 22 to 27. Tosoll 2; brown clay 12; blue clay 26; limestone 32. Water at 32.
" 26 " 28	Sunset Const. D. Thompson	Uross Bros. R. Embleton & Son	July 21 Apr. 21	6 6	2 35	29 22	6 13	" "	D D	
" 28 " 29 " 32	E. Sundin M. Vanwanroy J. Lenslyn	W.E. Scriven E. Doyle H.W. Comfort	Oct. 16 June 23 May 5	6 6 6	5 18 5	22 6 97	20 6 39	" " "	D D D	
" 34	G. Fevez	R. Embleton & Son	May 22	6	4	51	28	"	D	
" 34	H. Morris	"	Aug. 28	6	7	25 1/2	14	"	D	
" 16 " 19 " 19	K. Patriquin N. Gilver J. Roach	W.E. Scriven S.W. Merritt G.J. Wallis	May 13 Jan. 7 Jan. 19	6 5 1/2 6	10 16 18	18 22 32 1/2	12 22 19	" " "	D D D	Clay 42; gravel 43; limestone 49. Water at 49. Light brown clay 19; grey clay 40; medium gravel coarse sand 42 1/2. Water at 40. Clay 44; shale 46. Water at 46. Light brown clay 18; grey clay 27; grey limestone 45. Water at 34 and 43.
" 19 " 24 " 24	W.H. Kriethner A.C. Reid	S.W. Merritt G.J. Wallis	Apr. 24 Jan. 5	6 6	14 8 1/2	22 35	20 15	" "	D D	
" 24 " 25 " 26 " 26 " 26	J. Morelli J. Plas A. RosenBlood W.J. Malcolm	E. Doyle S.W. Merritt Cross Bros. G.J. Wallis	Mar. 28 Apr. 28 Sept. 17 Sept. 21 Oct. 29	6 5 6 6 6	10 14 5 5 30	9 14 20 23 26	5 18 13 13 19	" " " " "	D D D D D	Tosoll 1; brown clay 9; limestone 26. Water at 26. Clay 21; limestone 32. Water at 32. Brown clay 6; limestone 35. Water at 33. Brown clay 6; limestone 35. Water at 33. Brown topsoil 1; light brown clay 11; grey limestone 36. Water at 34. Clay 17; limestone 45. Water at 45.
" 26	L. Galuska	S.W. Merritt	Dec. 4	6	16	28	24	"	D	



WENTWORTH COUNTY - cont.

Salfleet Twp. - cont. Con VIII	lot 28	C. Earle	G.J. Wallis	Apr. 23	6	19	35	17	Fresh	D	Light brown clay 20; grey clay 33; grey limestone 45. Water at 43.
Con VIII	" 28	R. & R. Mathews	R. Embleton & Son	Dec. 19	6	25	17	13	"	D	Dark clay loam 4; dark brown clay 2; light dark brown clay 4; grey clay stones pebbles 11; clay loose stones 12; limestone 14; grey limestone 28; water at 29. Water from 23 to 27.
Con VIII	" 31	L. Martin	R. Swayze	May 21	6	8	23	6	"	D	Clay 16; limestone 28; water at 25.
Con VIII	" 33	M. VanManRoy	F. Ince	May 2	6	4	31	15	"	D	Loam 4; grey clay 27; limestone 39. Water at 39.
Con VIII	" 34	F. Gega	E. Constable	May 19	6	7	32	20	Sulphur	D	Blue clay 13; limestone 40. Water at 32.
Con VIII	" 34	M. Bethune	W. Scriven	Aug. 28	6	10	3	3	Fresh	D	Topsoil 1; brown clay 4; blue clay 23; limestone 30. Water at 30.
Waterdown		Taylor Bros.	B. O'Connor	Mar. 27	6	10	15	10	Fresh	P	Sand 12; limestone 35. Water at 35.
West Flamborough Twp. Con I	lot 5 " 6	B. Smith H.T. Marsh	S. Gill G.J. Wallis	Sept. 29 Feb. 17	6 6	21 6	25 59	20 41	Sulphur Fresh	D	Clay 25; sandy clay 58; grey rock 95. Water at 94. Light brown sandy soil 8; light brown clay gravel 12; red clay gravel 26; grey clay 65; grey clay gravel 7; grey limestone 79. Water at 78.
Con I	" 6	"	"	Feb. 20	6	20	62	42	"	D	Light brown sandy soil 7; red clay gravel 31; grey clay 90; broken grey limestone gravel 92. Water from 90 to 92.
Con I	" 6	"	"	Feb. 26	6	1	142	54	Sulphur	D	Light brown sandy soil 10; brown clay gravel 20; brown grey clay gravel 36; grey clay 97; grey limestone 152. Water at 150.
Con I	" 6	"	"	Mar. 3	6	5	28	25	Fresh	D	Light brown sandy soil 13; light brown clay gravel 25; grey clay 32; sand gravel 38. Water from 32 to 38.
Con I	" 6	"	"	Mar. 4	6	8	22	19	"	D	Light brown sandy soil 8; light brown clay gravel 14; grey clay gravel 22; gravel large boulders 26; red clay sand gravel 32. Water from 30 to 32.
Con I	" 6	"	"	Mar. 7	6	7	69	32	"	D	Light brown sandy soil 15; grey clay gravel 28; light brown clay grey streaks gravel 36; sandy grey clay 52; grey clay 78; gravel broken rock 79; limestone. Water from 78 to 79.
Con I	" 6	"	"	Mar. 12	6	1	113	57	Sulphur	D	Light brown sandy soil 14; red clay sand gravel 26; grey clay gravel 35; brown clay gravel 44; grey clay 101; grey limestone 123. Water at 122.
Con I	" 6	"	"	Mar. 17	6	7	74	30	Fresh	D	Red brown soil 5; light brown clay 19; grey clay 23; grey clay gravel 29; red clay sand gravel 40; grey clay 54; grey limestone 84. Water from 23 to 29 and 83.
Con I	" 6	"	"	Mar. 21	6	5	66	25	"	D	Red brown soil 8; yellow brown clay 14; red brown clay gravel 19; medium gravel 24; grey clay gravel 40; grey clay 49; grey limestone 76. Water at 27 and 76.
Con I	" 6	"	"	Mar. 26	6	5	56	23	"	D	Light brown sandy soil 7; red brown clay gravel 20; red clay gravel 35; grey clay gravel 50; grey limestone 70. Water at 69.
Con I	" 6	"	"	Sept. 11	6	7	57	38	"	D	Red brown sandy soil 8; red grey sandy clay 32; grey clay 50; grey limestone 67. Water at 64.
Con I	" 7	G. Westerman	"	Apr. 17	6	15	71	61	"	D	Light brown sandy soil 14; yellow brown clay 24; grey clay 57; brown sandy clay 60; grey clay 68; gravel sand 69; grey limestone 78. Water at 66.
Con I	" 7	N. Sherbanou	"	May 28	6	28	28	20	"	D	Light brown clay 14; grey clay 20; grey limestone 38. Water at 35.
Con I	" 8	E.W. Ashley	A.B. Clark	Feb. 14	6	3	60	55	"	D	Topsoil 4; brown clay 36; sandy soil 45; grey clay 90; limestone 115. Water at 115.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
WENTWORTH COUNTY - cont.										
West Flamborough - cont.										
Con I	D. Richardson	A.B. Clark	Feb. 25	6	3	92	67	Fresh	D	Topsoil 4; brown clay 35; sandy soil 60; blue clay 96; limestone 102. Water at 102.
Con I	Cresson & Planning	S. Gill	Feb. 26	6	3	88	80	Sulphur	D	Brown clay 35; sandy clay 70; blue clay 82; limestone 127. Water at 110.
Con I	C. Welderhold	A.B. Clark	Feb. 28	6	5	79	59	Fresh	D	Topsoil 2; sandy soil 40; sandy soil 60; blue clay 92; gravel 94. Water at 94.
Con I	B. Jamison	W.E. Sorliven	Mar. 11	6	5	86	69	"	D	Topsoil 4; brown clay 75; sandy soil 86; blue clay 101; limestone 114. Water at 114.
Con I	"	"	Mar. 17	6	10	87	65	"	D	Topsoil 4; brown clay 75; sandy soil 86; blue clay 96; limestone 111. Water at 111.
Con I	J. McVey	"	Mar. 23	6	3	75	50	Sulphur	D	Topsoil 2; coarse red sand 20; brown clay 50; sandy soil 60; blue clay 70; limestone 110. Water at 110.
Con I	E. Muller	S. Gill	Apr. 10	6	4	72	60	Fresh	D	Brown clay 48; sandy clay 95; limestone 112. Water at 110.
Con I	Dr. K. Fritze	"	Apr. 22	6	8	110	60	Sulphur	D	Brown clay 30; sandy clay 80; fine sand 95; limestone 142. Water at 110 and 140.
Con I	R. Davis	Cross Bros.	June 5	6	4	30	18	"	D	Brown clay 20; quicksand 33; limestone 72. Water at 72.
Con I	Lambert Const.	"	July 6	6	5	60	60	"	D	Brown clay 30; fine sand 60; fine sand gravel 75. Water at 73.
Con I	P. Turkstra	"	July 8	6	5	9	7	"	D	Brown clay 20; limestone 29. Water at 27.
Con I	G. Hays	"	Aug. 25	6	5	20	15	Fresh	D	Brown clay 10; quicksand 36; limestone 47. Water at 45.
Con I	Nevan Const.	"	July 28	6	4	5	15	"	D	Brown clay 30; fine sand 62; fine sand gravel 84; limestone 99. Water at 95.
Con I	J. Pencsik	F. Ince	Sept. 21	6 1/2	5	40	7	"	D	Loam 4; blue clay 28; limestone 40. Water at 40.
Con I	B. Smith	R. Swayze	Sept. 22	6	1	60	30	"	D	Loam 4; blue clay 52; limestone 60. Water at 60.
Con I	K. VanderHeuvel	"	July 24	6	4	30	20	"	D	Dug well 20; limestone 35. Water at 32.
Con I	H. Aulsald	W.J. Wallis	May 29	7	4	40	17	"	D	Clay 29; limestone 70. Water at 63.
Con I	"	"	Dec. 29	7	3	93 1/2	23	Sulphur	D	Light brown clay 20; grey clay 26 1/2; grey limestone 67; dark blue shale 103 1/2. Water at 67 and 97.
Con II	T. Loten Const.	"	Jan. 14	6	1 1/2	53	20	Fresh	D	Red sandy soil 3 1/2; light brown sandy soil sand gravel 17; grey clay 25; grey limestone 63. Water at 42.
Con II	"	"	Jan. 22	6	25	34	20 1/2	"	D	Red brown sandysoil 20; brown sandy soil sand gravel 28; grey limestone 34. Water at 32.
Con II	"	"	Jan. 28	6	1	38	23	"	D	Red sandy soil 3 1/2; light brown sandy soil 11; brown grey clay gravel 20; grey clay 27; grey limestone 48. Water at 45.
Con II	D. Graham	F. Ince	Feb. 13	6	1	72	25	"	D	Loam 4; sandy loam 28; limestone 72. Water at 72.
Con II	J. Tokken	E. Constable	May 11	6	2	49	25	"	D	Topsoil 6; red shale 24; limestone 65. Water at 30.
Con II	G. Graham	F. Ince	Sept. 17	6	10	25	20	"	D	Loam 4; blue clay 28; limestone 40. Water at 40.
Con II	J. Mintz	E. Constable	Oct. 1	6	3	70	30	"	D	Clay 36; limestone 80. Water at 60.
Con II	E. Petroski	G.J. Wallis	June 8	6	3	29	15	"	D	Light brown sandy soil 18; grey clay 22 1/2; grey limestone 39. Water at 36.
Con II	V. Haines	W. Constable	Sept. 24	7	5	35	22	"	D	Grey clay boulders 28; limestone 40. Water at 38.
Con II	D. Lightfoot	H. Swayze	July 15	6	3	35	22	"	D	Clay boulders 8; limestone 40. Water at 28.
Con II	J. Grisham	"	July 16	6	15	15	9	"	D	Clay boulders 12; limestone 32. Water at 28.
Con II	J. Dingle	"	July 22	6	10	45	34	"	D	Clay gravel 43; limestone 55. Water at 52.
Con II	J.C. Kitchen	"	Apr. 17	6	15	30	23	"	D	Clay loam 27; limestone 33. Water at 30.
Con II	C. Mann	"	July 29	6	15	30	23	"	S	Clay 1; limestone 58. Water at 55.
Con II	D. Griffiths	G.J. Wallis	June 19	6	2	35 1/2	19	"	D	Dug well 13 1/2; grey clay 29 1/2; grey limestone 45 1/2. Water at 44.
Con II	C. Johnson	Cross Bros.	May 13	6	9	39	10	"	D	Brown clay 3; limestone 39. Water at 36.
Con II	L. Harbottle	"	May 15	6	2	39	10	"	D	Brown clay 4; limestone 41. Water at 39.
Con II	H. Hines	"	May 19	6	2	35	10	"	D	Brown clay 3; limestone 37. Water at 35.
Con II	E. Rymal	"	June 1	6	3	30	8	"	D	Brown clay 4; limestone 40. Water at 40.
Con II	F. Magnusson	"	Apr. 30	6	3	54	30	"	D	Brown clay 3; limestone 54. Water at 54.

Con II	lot 23	H. Burge	C.J. Wallis	Aug. 28	6	2	33	9	Fresh	D	
Con II	" 23	"	"	Aug. 29	6	7½	31	7	"	D	Yellow brown rock 9; grey limestone 14; light blue rock 20; dark blue shale 24; light blue rock 35; blue shale 43. Water at 35.
Con II	" 23	"	"	Sept. 17	6	5½	29	7	"	D	Brown soil broken rock 1½; yellow rock 12; light grey limestone 19; dark blue shale 23; light blue rock 35; blue shale 41. Water at 30 and 38.
Con II	" 23	"	"	Sept. 19	6	1	38	9	"	D	Yellow brown rock 5; white limestone 10; blue rock 16; blue shale 20; blue rock 34; blue shale 39. Water at 24 and 35.
Con II	" 23	"	"	Sept. 23	6	½	83	24	"	D	Yellow brown rock 3; white limestone 14; dark blue shale 18; white limestone 12; blue rock 47; red shale 48. Water at 34.
Con II	" 23	"	"	Sept. 25	6	4	30	9	"	D	White limestone 12; blue rock 18; blue shale 21; blue rock 33; blue shale 46; red shale 61; grey shale 68; shale blue grey layers 93½. Water at 25.
Con II	" 23	"	"	Sept. 26	6	2½	36	8	"	D	Brown soil broken rock 2; yellow limestone 7; white limestone 12; blue rock 18; blue shale 21; blue rock 34; blue shale 40. Water at 24 and 35.
Con II	" 23	"	"	Aug. 7	6	½	115	55	Salty	D	Light brown soil 2; yellow rock 10; white limestone 16; blue rock 24; blue shale 26; blue rock 35; blue shale 46. Water at 35.
Con II	" 25	S. Lucius	"	Sept. 26	6½					D	Light brown soil 8; grey limestone 15; blue shale 28; red shale 125. Water at 93.
Con II	" 26	J. Bencsik	F. Ince	Sept. 26	7					N	Loam 4; clay 40; red shale 100. Dry hole.
Con II	" 7	C. Bencsik	E. Doyle	Sept. 26	7					S	Brown clay 6; red shale 24; quicksand 30. Water from 24 to 30.
Con III	" 16	V. Manich	B. O'Connor	July 20	6	10	30	26	Fresh	S	Clay 3; limestone 72. Water at 72.
Con III	" 16	A. Derches	F. Ince	Apr. 20	6	20	45	25	"	D	Loam 1; clay sand 58; limestone 63. Water at 63.
Con III	" 16	E. Hudson	"	Apr. 20	6	20	40	25	"	D	Loam 1; grey clay 40; sand 50; shale 57; limestone 60. Water at 60.
Con III	" 16	J. McFarland	"	May 6	6	20	45	25	"	D	Loam 1; clay sand 57; rock 63. Water at 63.
Con III	" 16	J. Parachonick	"	May 8	6	20	47	27	"	D	Loam 1; clay sand 58; rock 64. Water at 64.
Con III	" 16	John Hamilton	"	May 10	6	20	45	25	"	D	Loam 1; clay sand 58; limestone 63. Water at 63.
Con III	" 16	J. Huffman	"	May 12	6	20	44	24	"	D	Loam 1; clay sand 58; limestone 64. Water at 64.
Con III	" 16	C. Erenben	"	May 11	6	20	51	31	"	D	Loam 1; clay sand 65; limestone 71. Water at 71.
Con III	" 16	H. Derches	"	May 12	6	20	40	25	"	D	Loam 1; grey clay sand 59; limestone 65. Water at 65.
Con III	" 16	W. Farow	W. Packham	July 16	5	10	40	25	"	D	Clay 40; silty clay 60; gravel shale 63; limestone 65. Water at 65.
Con III	" 16	"	"	July 17	5	10	40	25	"	D	Brown clay 40; silty clay 60; gravel grey shale 63; limestone 65. Water at 65.
Con III	" 16	B. Collins	E. Doyle	Aug. 20	5	5	52	20	"	D	Topsoil 1; brown clay 53; grey shale 57; limestone 62. Water at 62.
Con III	" 20	R. Chappeil	W. Packham	Apr. 7	7	20	20	8	"	D	Clay 15; limestone 35. Water at 33.
Con III	" 21	I. Chappeil	"	Nov. 24	7	10	50	22	"	S	Grey clay 30; sandy grey clay 45; limestone 54. Water at 52.
Con III	" 23	D. Gasberrini	G.J. Wallis	Apr. 28	6			17	"	T	Dilled well 35½; grey limestone 67½; blue shale 82½; red shale 84½.
Con III	" 23	"	"	May 15	8	35	55	25	"	T-59	Dark brown topsoil 2; light brown clay 12; grey clay 32; limestone 71; blue shale 75. Water at 37. 41½. Water at 5 and 26.
Con III	" 24	H.R. Burge	"	June 30	6	4½	31½	3	"	9-59	Light brown clay 3; brown grey limestone 43; blue rock 44½. Water at 4½ and 38.
Con III	" 24	"	"	July 2	6	5	34½	4	"	D	Light brown clay 4; brown grey limestone 43; blue rock 44½. Water at 4½ and 38.
Con III	" 24	"	"	July 4	6	2	34	7	"	D	Light brown clay 6; brown grey limestone 42; blue rock 44. Water at 40.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. West Plamborough Twp.										
Con III lot 24	H.R. Burge	G.J. Wallis	July 8	6	1 1/2	36	8	Fresh	D	Light brown clay 8; brown grey limestone 45; blue rock 46. Water at 39.
Con III " 24	"	"	July 10	6	30	20	5	"	D	Light brown clay 5 1/2; brown grey limestone 35 1/2. Water at 12 and 34.
Con III " 24	"	"	July 11	6	15	30	4	"	D	Light brown clay 6 1/2; brown grey limestone 40. Water from 20 to 35.
Con III " 24	"	"	July 13	6	30	9	5	"	D	Light brown clay 6 1/2; brown grey limestone 35. Water at 10 and 32.
Con III " 24	"	"	July 15	6	9	27	6 1/2	"	D	Light brown clay 6; grey limestone 37. Water at 14 and 34.
Con III " 24	"	"	July 24	6	7 1/2	28	4	"	D	Light brown clay 4 1/2; grey limestone 38 1/2. Water at 9 and 37.
Con III " 24	"	"	July 27	6	2	35 1/2	8	"	D	Light brown clay 7; grey limestone 44; blue shale 45 1/2. Water at 15 and 34.
Con III " 24	"	"	Aug. 11	6	3	25	5	"	D	Light brown clay 5; grey limestone 35. Water at 10 and 32.
Con III " 24	R. Kruckeberg	E. Constable	Aug. 17	6	4	18	10	"	D	Topsoil 1; brown clay 4; limestone 34. Water at 32.
Con III " 24	H.R. Burge	G.J. Wallis	Sept. 4	6	< 1/2	60	15	"	D	Light brown clay 6 1/2; grey limestone 40; blue rock 50; blue shale 66; red shale 70. Water at 40.
Con III " 24	"	"	Sept. 8	6	24	20 1/2	12	"	D	Light brown clay 9 1/2; grey limestone 30 1/2. Water at 28.
Con III " 24	E. Maderer	Cross Bros.	Nov. 17	6	5	17	7	"	D	Brown clay 8; limestone 22. Water at 22.
Con III " 24	"	"	Nov. 20	6	5	17	7	"	D	Brown clay 8; limestone 22. Water at 22.
Con III " 24	Imperial Oil Co.	S. Gill	June 9	6	< 1/2	40	25	"	D	Brown clay 10; sandy brown clay 18; limestone 42. Water at 35 and 40.
Con III " 25	"	"	Aug. 1	6	2	23	19	"	C	Brown clay 10; sandy clay 18; limestone 42. Water at 43.
Con III " 25	F. Martin	G.J. Wallis	June 16	6	1	42	15	Sulphur	D	Brown sandy soil 4 1/2; white limestone 52. Water at 43.
Con IV " 6	T. Paul	S. Gill	Aug. 3	6	1	43	18	Fresh	D	Brown clay 1; limestone 45. Water at 40.
Con IV " 15	C. Farkas	W.E. Scriven	June 5	6	5	75	40	"	D	Topsoil 2; brown clay 40; coarse sand 96; coarse gravel 98. Water at 98.
Con IV " 15	A. Heron	E. Constable	Aug. 12	6	10	20	20	"	D	Topsoil 1; brown clay 20; fine sand 86; blue shale 88. Water at 88.
Con IV " 21	A. Johnson	S. Gill	Aug. 21	6	12	20	8	"	D	Sandy clay 35; limestone 37. Water at 36.
Con IV " 22	R. Covillard	R. Swayze	Apr. 24	6	20	30	14	"	D	Clay 20; sand 30; clay 50; limestone 52. Water at 51.
Con V " 9	A. Onefer	J.B. Ruttan	Oct. 30	6	7	48	25	"	D	Clay loam 6; limestone 56. Water at 52.
Con V " 17	L. Ferguson	W.E. Scriven	Oct. 26	6	5	45	15	"	D	Topsoil 2; brown clay 15; fine grey sand 66; limestone 70. Water at 70.
Con V " 19	D. Marcy	"	June 7	6	15	22	15	"	D	Topsoil 2; brown clay 40; blue clay 54; coarse gravel 56. Water at 56.
Con VII " 7	H. Weppier	W. Packham	Sept. 8	7	10	30	20	"	D	Grey clay 12; limestone 40. Water at 38.
Con VIII " 7	J.B. McLeod	B. Ruttan	Sept. 4	7	3	53	10	"	D	Dug well 20; sand 32; grey limestone 53. Water at 51.
Con VIII " 10	Browning & Robertson	E. O'Connor	Jan. 31	6	6	75	42	"	D	Brown sand gravel 70; limestone 75. Water at 75.
Con IX " 4	J. Saunders	W. Packham	Sept. 9	7	20	15	9	"	D	Old dug well 8; fine sand gravel 18; coarse gravel 20. Water at 20.
Con IX " 5	L. Martin	"	Sept. 9	7	8	40	18	"	D	Dug well 15; stony grey clay 30; limestone 45. Water at 43.
Con IX " 6	Bell Telephone Co. Of Canada	E. McLaughlin & Sons	Oct. 23	7	12	56	42	"	P	Topsoil 1; hardpan sand boulders 12; brown shale 17; hard grey lime 54; medium grey limestone 75; white limestone 83. Water from 75 to 83.
Con IX " 7	B. Smith	W. Packham	Dec. 3	7	5	70	32	"	D	Stony grey clay 30; limestone 78. Water at 75.
Con X " 3	L.A. Timmers	J.L. Graham	July 16	4	10	11	7	"	D	Sandy grey stones 18; gravel 22; white limestone 28; hard limestone 35. Water from 34 to 35.

Aurora	Town of Aurora	B. Huffman & Son	June 24	7		3	Fresh	P	Fall 3; grey clay 139; coarse sand 143; hardpan 174; grey clay 243; coarse sand 260; fine quicksand 270; sand gravel clay 327; coarse gravel 329; quicksand 346. Water at 270 and from 327 to 329.
Aurora	L. Cousins	"	July 24	7	156	7	"	P	Soft blue clay 228; fine sand 287; coarse gravel 328. Water at 328.
Aurora	N. Crowder	Ontario Well Digging Co.	Aug. 18	30	4	10	"	S	Blue clay 30; fine sand 40. Water at 30.
East Gwillimbury Twp. Con II lot 1	N. Crowder	P.R. Roadway & Son	Apr. 29	5	12	66	Fresh	D	Red gravelly clay 50; blue quicksand 82; blue clay 135; silt gravel layers 150; blue clay silt layers 185; blue clay 204; sand gravel 204. Water at 204.
Con II	J. McTavish	Ontario Well Digging Co.	May 27	30	2	10	"	D	Brown clay stone 35. Water at 15.
Con II	B. Weddel	"	Mar. 7	20	10	15	"	D	Clay 10; fine sand gravel 30. Water at 12.
Con II	G. Vine	"	Nov. 2	36	2	10	"	D	Blue clay 20; sandy clay 27. Water at 20.
Con II	H. Ash	"	July 2	30	3	20	"	D	Blue clay 20; sandy clay 40. Water at 20.
Con III	G. Stevens	P.R. Roadway & Son	Dec. 1	5	6	60	"	D	Surface clay 10; soft blue clay 62; hardpan stone 74. Water at 74.
Con III	L.J. Farr	W.P. Gartshore	Mar. 19	2	5	20	"	D	Loam 3; yellow clay 15; soft clay 44; hard clay pebbles 72; coarse sand 74. Water at 72.
Con III	Glen Marion Development	B. Huffman & Sons	Apr. 9	7	20	318	"	P	Drilled 60; fine sand 83; silt 134; soft blue clay 153; fine gravel 155; green clay 184; stony blue clay 183; silt 283; grey clay 308; gravel 332. Water from 347 to 352.
Con III	I. Steckley	W.P. Gartshore	Nov. 21	3	6	150	"	D	Grey clay 16; sand 170. Water at 165.
Con III	R. Balcombe	Ontario Well Digging Co.	Jan. 14	30	3	20	"	D	Blue clay 35. Water at 25.
Con III	E. Bogess	"	June 25	30	1	5	"	D	Blue clay 15; sandy clay 20. Water at 15.
Con III	R. Bogess	"	Nov. 10	30	1 1/2	15	"	D	Sand blue clay 27. Water at 20.
Con III	Ont. Co-operative	"	Nov. 20	34	3	7	"	D	Sandy blue clay 32. Water at 32.
Con III	Active Society	"	Nov. 20	34	3	5	"	D	Sandy blue clay 30. Water at 30.
Con III	"	"	Nov. 21	34	3	10	"	D	Sandy blue clay 32. Water at 32.
Con III	"	"	Nov. 21	34	3	5	"	D	Sandy blue clay 25. Water at 25.
Con III	"	"	Nov. 21	34	3	2	"	D	Sandy blue clay 27. Water at 27.
Con III	"	"	Nov. 22	34	3	10	"	D	Sandy blue clay 42. Water at 42.
Con III	"	"	Nov. 22	34	3	10	"	D	Sandy blue clay 40. Water at 40.
Con III	"	"	Nov. 22	34	3	5	"	D	Sandy blue clay 30. Water at 30.
Con III	"	"	Nov. 23	34	3	20	"	D	Sandy blue clay 25. Water at 25.
Con III	A. Steniford	W.P. Gartshore	May 9	2	2	70	"	D	Surface soil 2; clay small stones 55; fine sand 78. Water at 60.
Con III	P. Rogers	"	June 13	2	2	66	"	D	Black soil; clay stones 55; sand 74. Water at 60.
Con III	N. Both	Ontario Well Digging Co.	June 26	30	1 1/2	40	"	D	Clay 20; fine sand 50. Water at 50.
Con III	H. Boehmker	"	Oct. 21	30	3	30	"	D	Blue clay 20; coarse sand 40. Water at 30.
Con III	D. Smith	"	July 1	30	2	22	"	S	Blue clay 40; gravel 42. Water at 40.
Con III	C. Glover	"	May 15	30	2 1/2	8	"	D	Brown clay 18; gravel 22. Water at 18.
Con III	"	"	May 18	30	2 1/2	8	"	D	Brown clay 18; gravel 22. Water at 18.
Con III	M. Cotes	"	May 13	24	1 1/2	20	"	D	Old well 25; blue clay 42. Water at 22.
Con III	A. Sedore	P.R. Roadway & Son	Apr. 13	5	6	62	"	D	Dug well 37; sandy gravelly clay 62; hardpan stone 75; silty gravelly clay 83; gravel 85. Water at 85.
Con III	E. Burgess	Keswick Well Drilling Co.	Feb. 28	4	4	90	"	D, S	Yellow clay stones 59; sand gravel 69; blue clay 80; blue clay 86; blue clay 127; quicksand 130; blue clay 145; coarse heavy grey sand 152. Water at 152.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. East Gwillimbury Twp.										
Con IV lot 4	A. Koltenback	Ontario Well Digging Co.	Aug. 7	30	4		10	Fresh	D	Blue clay 35;sand coarse gravel 38. Water at 35.
Con IV " 4	H. Neff	J.M. Benwick	Aug. 8	30	3	12	10	"	D	Hard blue clay 20;fine gravel sand 22. Water at 20.
Con IV " 13	W. McIntyre	W.F. Gartshore	Mar. 20	4	6	46	42	"	D,S	Sand gravel 15;blue clay 198;coarse gravel 207. Water at 207.
Con V " 1	J. Macri		July 10	4	6	50	20	"	D	Yellow clay 20;soft hard clay 90;hard clay 100;sand 106. Water at 100.
Con V " 3	R. Stickwood	Ontario Well Digging Co.	Jan. 20	34	5		20	"	S	Clay 38;gravel sand 40. Water at 40.
Con VI " 9	W. McFarland	F.R. Roadway & Son	July 18	5	9	70	64	"	D,S	Dug well 65;sandy clay 70;coarse sand gravel 90. Water at 90.
Con VI " 11	C. Green		June 3	5	3	72	30	"	D,C	Soft brown clay 16;hardpan 42;gravelly silt 64;sand gravel 70. Water at 74.
Con VI " 22	Lee Hong Green Valley farms	"	Oct. 14	5	3	40	18	"	D	Dug well 28;soft red clay 30;coarse red sand fine gravel 41. Water from 36 to 41.
Con VII " 6	G. Bordi	F. Gartshore	Dec. 5	4	10	85	85	"	D	Pine sand 60;sandy gravel 70;small stones 93. Water from 85 to 93.
Con VII " 9	H. Watts	Ontario Well Digging Co.	Nov. 18	30	1 1/2		40	"	D	Rock hard clay 50;fine sand 55. Water at 50.
Con VII " 10	D. Holstock	"	May 22	30			17	"	D	Blue clay 17. Water at 17.
Con VII " 10	C. Harrison	"	June 12	30	2		2	"	D	Hard blue clay 16;sand fine gravel 27. Water at 27.
Con VII " 11	C. Grone	"	Aug. 10	30	10		2	"	D	Blue clay 10;quicksand 12. Water at 12.
Con VII " 12	A. Harrison	F.R. Roadway & Son	May 27	30	6	60	52	"	D,S	Hard red clay stone 40;sandy clay 52;red sand 79. Water at 79.
Con VII " 14	C. Rose	"	Oct. 26	5	6	85	57	"	D,S	Dug well 33;hard gravelly clay boulders 87;fine black sand. Water at 87.
Con VIII " 10	Mt. Albert Creamery	"	Oct. 22							Surface clay 14;silty clay 192. Dry hole.
Con VIII " 11	W. Farr	"	Feb. 25	5 1/2	3	120	90	Fresh	D	Blue clay stone 14;sandy clay 37;gravel 46;sand 70;gravel 83; Gravel clay 100;blue clay 107;fine sand 110;blue clay 115; Gravel sand 127. Water at 127.
Con VIII " 16	D. Hill	Ontario Well Digging Co.	Nov. 22	30			30	"	D	Clay small rocks 40;gravel coarse sand 45. Water at 40.
YSE Con I " 96	East Gwillimbury Heights Sub-division	F.R. Roadway & Son	Mar. 4	5 1/2	12	24	15	"	P	Blue clay fill 4;sandy loam 8;brown surface clay 17;hardpan 32;silty clay 60;blue clay 82;silty clay 86;blue clay 90. coarse black sand. Water at 90.
YSE Con I " 96	G. Thompson	"	Apr. 15	7	60	102	70	"	P	Surface clay 15;sandy clay 68;hardpan 150;blue clay 220; hardpan 360;coarse cemented sand 385. Water at 385.
YSE Con I " 97	"	F. Hollingshead	Aug. 20	2	2	9	4	"	D	Dug well 20;grey clay 110;coarse sand 120. Water from 110 to 120.
YSE Con I " 103	L. Baker	King City Well Drilling Co. Ltd.	June 15	4						Dug well 52;blue clay 160;fine sand 170;blue clay 325. Dry hole.
YSE Con I " 103	"	"	Aug. 20	4	12	250	150	Fresh	D	Topsoil 2;blue clay 150;fine sand 200;blue clay 345;blue sand 352. Water at 345.
YSE Con I " 106	J. Baker	F. Hollingshead	Aug. 5	2	1 1/2		Flows	"	D	Sand stone 20;grey clay 119;gravel sand 120. Water at 120.
YSE Con I " 117	W. Smith	Ontario Well Digging Co.	Feb. 26	34	12	12	6	"	D	Topsoil 2;blue clay 12;fine sand 22. Water at 12.
YSW Con I " 97	R. C. Gibbs	D. Loughnead	Apr. 20	4	3	232	120	"	D	Topsoil 1;brown clay boulders 120;hard packed sand clay 190; blue clay 250;hard packed sand clay 428;dirty sand 436;blue clay 445;brown shale 465. Water at 436.
YSW Con I " 108	S. Cook	F. Hollingshead	May 20	2	3		7	"	D	Dug well 20;blue grey clay 140;fine sand 169;hardpan 179; coarse sand gravel 180. Water at 180.



YSW Con I	lot 111	Federal Farms	International Water Supply Co.	Mar. 23	5			Fresh	T 2B-59	Fill 31:silt sand brown clay 35;clay 63;clay sand gravel 68; gravel 72;clay 76;sand silt 85;soft silty clay 175;clay sand gravel 178;clay boulder 242;hard clay boulders 252;sand gravel clay 260;clay 265;gravel 267;rock 268.
YSW Con I	" 111	"	"	Feb. 18	5				T 1-59	Fill 4:silt sand small streaks clay 35;soft clay 42;clay 86; 248;hard clay boulders 279;boulder gravel 281;rock 285.
YSW Con I	" 111	"	"	Feb. 26	2	28	18	Fresh	T 2-59	Fill 21:brown clay sand 15;silt sand 38;streaks clay 69;sand 71;clay 81;silt clay 139;soft clay 180;clay boulder 199;hard clay boulder 250;tight gravel cemented streaks 268;clay 270;rock 272;Water at 250.
YSW Con I	" 111	"	"	Mar. 18	2	1	18	"	T 2A-59	Fill 21:brown sand clay 15;silt sand 38;clay 69;sand 71;clay 81;silt clay 139;soft clay 180;clay boulders 199;hard clay boulder 250;sand 268;clay gravel 270;rock 272;Water at 250.
YSW Con I	" 111	"	"	Apr. 2	2		13		T 2C-59	Fill 31:silt sand brown clay 35;soft clay sand gravel 70; soft clay silt 81;clay sand gravel streaks 170;clay 199; hard clay 246;hard clay boulders 252;sand 253;clay silt 255; gravel 261;gravel 285;sand 286;clay gravel 288.
YSW Con I	" 111	"	"	July 3	8	350	105	11 1/2	In	Topsoil 4:brown sand clay 50;sand 52;clay sand 70;sand gravel 73;sand mud 90;blue clay 193;hardpan 205;clay sand 247;hardpan 250;gravel clay 270. Water at 70 and 250.
East York Twp. LOF Con II	lot 9	Dominion Underground Const. Ltd.	C.Goodberry Well Drilling Ltd.	Apr. 3	8	215	50	Fresh	In	Former drilled hole 138;sand 150;clay 160;clay gravel 163; silty sand 167;clay gravel 174;silty sand 203;sand gravel clay 208;gravel 210;clay gravel 215;sand clay 220;shale 230. Water at 215.
LOF Con III	" 2	Sceptor Manufacturing	D.S. Loughheed	Aug. 13	7	12	130	112	In	Fill 5:grey clay 90;fine sand 151;medium sand 167;clay.Water at 167.
Etblcooke Twp. E.R. H.F. Con II	lot D " 27	M. Petrani & Co. Overhead Door Suppliers	B.Huffman & Sons	Nov. 20 Nov. 3	6 7	1 1/2 5	48 79	18 16	D In	Brown clay 18;blue shale 48. Water at 40. Grey hardpan 31;blue clay Gravel 52;stony clay 69;blue shale 79. Water at 75.
H.F. Con III	" 32	Ont.Dept. Of Highways	F. Gerritts	Mar. 10	5	3	110	45	D	Dug well 18;Blue clay 58;shale 112. Water at 100.
H.F. Con IV	" 22	DouglasLeaseholds Ltd.	W.E. Core	July 21	4	1 1/2	82	41	Fresh	Topsoil 11;blue clay 33;blue shale 83. Water at 82.
H.F. Con IV	" 22	J. Di cecco	"	July 31	4	1	90	53	D	Topsoil 13;sandy clay 18;blue clay 62;blue shale 94. Water at 90.
H.F. Con IV	" 40	M. Hewgill	M. Babiuk	July 24	30	2		35	D	Top brown soil 15;grey clay 30;brown sand 35;fine gravel coarse sand 42. Water at 35.
H.F. Con IV	" 40	O. Wiley	C.E. Snider	Dec. 9	4					Topsoil 11;yellow clay 31;yellow stony clay 16;blue clay silt 36;sand brown silt 38;red sand 42;brown sand clay 48;fine silt sand 53. Dry hole.
LOFDS Con IV	" 11	Industrial Wire & Cable	B.Huffman & Sons	July 10	6					Brown clay 15;gravel 20;blue shale 30. Dry hole.
LOFDS Con IV	" 11	"	"	Oct. 12	6					Brown clay 12;blue shale 40. Dry hole.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont.										
Georgina Twp. lot 24 Con I	G. Graham	F.R. Bowdway & Son	Oct. 9	5	6	40	40	Fresh	D, S	Dug well 37; dirty fine red sand 40; putty gravelly clay 60; hardpan 70; blue clay 94; dirty sand gravel 97. Water at 94.
" 25	K. Stevenson	"	Feb. 16	5	5	54	54	"	D, S	Dug well 33; sand 40; hardpan 45; putty blue clay 60; gravelly clay 73; gravel 74. Water at 73.
Con II	K. Watpool	"	Feb. 19	5	6	50	40	"	D, S	Dug well 41; hardpan 60; putty blue clay 75; blue clay silt layers 100; gravel sand 105. Water at 100.
Con V	Municipal Bldg	"	May 10	5	5	35	34	"	P	Dug well 61; red quicksand 15; silty clay 22; putty blue clay 46; hardpan 50; gravelly clay 52; rock 59. Water at 50.
Con V	J. Irving	"	May 19	5	5	38	33	"	D	Putty red sand 5; fine sand layers 38; clay 17; putty clay 38; hardpan 46; dirty sand gravel 47; bedrock 49. Water at 47.
Con V	E. Pettifer	"	May 22	5	6	32	30	"	D	Putty red sand 10; fine blue sand layers 17; putty blue clay 40; hardpan 43; dirty sand gravel 44; bedrock 52. Water at 43.
Con V	J. Irving	"	Oct. 12	5	6	26	22	"	D	Putty red sand 3; fine red quicksand 13; fine blue quicksand 20; putty blue clay 52; sand gravel 53; bedrock. Water from 52 to 53.
Con VI	N. Rae	Ontario Well Digging Co.	Feb. 4	36	8	18	10	"	S	Blue clay rocks 27; heavy coarse gravel 28. Water at 27.
Con VI	T. Stevens	F.R. Bowdway & Son	May 13	5	7	20	18	"	D	Black loam 1; red quicksand 15; blue quicksand clay 23; putty blue clay 49; sand gravel 53; bedrock 54. Water from 49 to 53.
Con VII	J. Ellis	Ontario Well Digging Co.	Aug. 30	30	2	10	10	"	D	Stone blue clay 2; coarse gravel 30. Water at 30.
Con VII	J. Irving	"	June 6	30	4		5	"	D	Blue clay 30. Water at 30.
Con VII	H. Randall	"	June 6	30	3		5	"	D	Blue clay 30. Water at 30.
Con VII	E. Harris	F.R. Bowdway & Son	June 8	5	9	10	2 1/2	Sulphur	D	Putty clay 4; hardpan boulders 14; bedrock 40. Water from 14 to 40.
Con VII	P. Cassals	"	Oct. 29	5	12	4	2 1/2	"	D	Black loam 1; putty red clay 13; putty blue clay 30; gravel 31. Water from 30 to 31.
Con VII	G. Digby	"	June 11	5	6	29	5	Fresh	D	Surface clay 1; putty brown clay 11; hardpan 16; bedrock 39. Water from 16 to 39.
Con VII	A. Nuttall	"	June 15	5	14	15	4	"	D	Surface clay 1; putty brown clay 9; hardpan boulders 17; bedrock 39. Water from 17 to 39.
Con VII	G. Walsh	"	Sept. 10	5 1/2	10	5	2	"	D	Putty blue clay 26; sand gravel 27. Water at 26.
Con VIII	J. Farrell	Ontario Well Digging Co.	Nov. 30	36	1 1/2		20	"	D	Hard blue clay rocks 25; gravel sand 30. Water at 25.
Con VIII	A. Thompson	F.R. Bowdway & Son	Oct. 28	5	8	35	20	"	D	Putty red sand 13; fine red quicksand 18; soft sandy blue clay 35; soft putty blue clay 59; putty blue clay 93; gravel. Water at 93.
Con VIII	C. Morrison	Keswick Well Drilling Co.	July 28	4	5	20	14	"	D	Yellow sand 6; blue clay 30; coarse gravel 31; blue clay 34; fine gravel 45. Water at 45.
Con VIII	M.E. Pringle	"	Sept. 19	5	3	80	25	"	D	Surface clay 18; blue clay 35; hardpan stone 72; limestone 89. Water at 89.
Con VIII	Dept. of Lands & Forests	Keswick Well Drilling Co.	Aug. 22	4	3	22	22	"	D	Dug well 22; gravel 68. Water at 68.
Con VIII	D.G. Sidon	F.R. Bowdway & Son	Mar. 31	5	6	50	7	Sulphur	S	Dug well 18; soft putty blue clay 29; hardpan 78; grey limestone 92. Water from 78 to 92.
Con VIII	"	"	Aug. 28	5	3	31	6	Fresh	D	Hardpan 8; bedrock 37. Water from 8 to 37.

YORK COUNTY - cont.

Georgina Twp. - cont. Con VIII	lot 9	Dept. of Lands & Forests	F.R. Roadway & Son	Mar. 25	5	6	21	5	Sulphur	P	Sand gravel 8; hardpan boulders 40; sand 46. Water at 46.
Con VIII	" 9	W. Low	"	Apr. 29	5	4	59	12	Fresh	D	Black loam 1; fine red sand 15; putty blue clay 25; hardpan boulders 32; grey rock 74. Water from 32 to 74.
Con VIII	" 15	W. Atkinson	"	Mar. 18	5	4		4	"	D	Dug well 7; bedrock 41. Water at 41.
Con VIII	" 15	P.F. Davidson	"	Oct. 2	5	20	10	3	"	D	Gravel fill 3; black muck 6; soft gravelly clay 10; hardpan boulder 15; bedrock 40. Water from 15 to 40.
Georgina Island		Indian Reserve	"	Jan. 7	5½	60	20	15	Sulphur	P	Surface clay 6; clay stone 25; gravel 27. Water at 27.
King Twp. Con I	lot 62	R. Dennis	P. Constable	Oct. 8	5	15	170	120	Fresh	S	Topsoil 1; brown sand 18; blue clay gravel 53; blue clay 80; grey silt 105; fine sand 170. Water at 170.
Con I	" 65	J. Apostolos	Jefferson Drilling Co.	July 2	2	3	121	121	"	In	Subsoil 70; fine sand 121; sand 172. Water at 121.
Con I	" 67	P.H. Bookman	P. Ince	June 23	4	4	150	70	"	C	Loam 2; muddy sand 30; grey clay 175; quicksand 238; fine sand 242. Water at 242.
Con I	" 67	H. Selfarth	Ontario Well Digging Co.	Nov. 20	80	3		6	"	D	Sandy clay 27. Water at 27.
Con I	" 68	S. Metcalf	"	Aug. 10	34	5		10	"	D	Blue clay 20; fine gravel 22. Water at 20.
Con I	" 81	E.A. Tillston	D. Loughheed	Apr. 6	4	10	92	62	"	D	Topsoil 1; clay sand boulders 55; blue clay 300; hardpan 328; medium sand 336. Water at 336.
Con I	" 87	J.H. Pierce	W.P. Gartshore	Apr. 13	4	12	9	4	"	D	Yellow clay 20; soft hard clay 85; stones 160; soft grey clay 240; hard clay 248; sand 254. Water from 248 to 254.
Con II	" 3	Cadden Bros.	King City Well Drilling Co. Ltd.	Sept. 15	4	10	85	75	"	D	Topsoil 2; blue clay 15; fine sand 20; blue clay 113; coarse sand 120. Water at 113.
Con II	" 7	S. Roots	"	Apr. 25	4	3	60	60	"	D	Topsoil 1; brown clay 5; blue clay 100; fine sand 118. Water at 118.
Con II	" 10	W. Battray	"	May 25	4	10	135	60	"	D	Topsoil 2; blue clay 140; gravel 150; blue clay 165; fine sand 185; coarse sand 198. Water at 195.
Con II	" 11	B. Prentice	P. Constable	Nov. 15	4	2	70	54	"	D	Topsoil 1; brown sand 20; blue clay 60; brown sand 80; coarse sand 94. Water at 80.
Con II	" 21	Ass. Fur Breeders	"	Apr. 24	4	15	70	15	"	C	Drilled well 77; fine gravel 82. Water at 70.
Con III	" 4	C. Dodge	King City Well Drilling Co. Ltd.	Aug. 20	4	7	100	70	"	D	Topsoil 3; blue clay 85; fine sand 115; coarse sand 120. Water at 115.
Con III	" 5	G. Sawyer	"	Mar. 24	4	6	150	90	"	D	Dug well 22; blue clay 150; fine sand clay 180; fine sand 205. Water at 180 and 205.
Con III	" 10	R. Clark	"	Sept. 9	4	20	100	80	"	D	Dug well 11; blue clay 140; sand clay 152; hard clay 335; coarse sand 343. Water at 335.
Con III	" 15	Dr. C. Summerfeldt	Jefferson Drilling Co.	Nov. 1	2	240	96	80	"	D	Clay 10; sandy clay 60; fine sand 80; sand 96. Water at 80.
Con III	" 20	H. Heintzman	B.A. Findlay	Sept. 26	2	5		16	"	D	Brown clay 14; sandy blue clay 28; fine sand 82; coarse sand 86; Water at 82.
Con III	" 25	G. Rockwell	Ontario Well Digging Co.	Feb. 26	30	1½	22	20	"	S	Hard blue clay 30; gravel clay 35. Water at 30.
Con III	" 28	S. Mills	"	Mar. 6	34	10	25	15	"	S	Blue clay 24; blue clay fine gravel 30. Water at 24.
Con III	" 30	C. Wilson	"	June 29	30				"		Hard sand clay 52. Dry hole.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- LING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. King Twp. - cont. Con IV lot 3	A. Strangeway	King City Well Drilling Co. Ltd.	Apr. 3	4	20	100	100	Fresh	D	Topsoil 1; brown clay 5; blue clay 125; fine gravel 130; blue clay 200; coarse sand 229. Water at 200.
Con IV " 3	J.L. Agnew	J.L. Agnew	Oct. 12	3½	10	84	80	"	D	Sand clay 8; blue clay 195; fine grey sand 197; medium brown sand 205. Water at 195.
Con IV " 4	J. Agnew	Ontario Well Digging Co.	May 12	34	2		28	"	D	Blue clay 28; fine sand 34. Water at 28.
Con IV " 8	G. Ryding	M. Babiuk	Sept. 5	30	<½		42	"	D	Brown clay 12; coarse brown sand 16; brown clay 20; blue clay 40; fine sand 42; blue clay 57. Water at 42.
Con IV " 9	R.G. Lavis	P. Spatuck	Jan. 27	4	2	140	20	"	D	Brown clay 4; gravel boulders 6; grey clay 92; yellow sandy clay 145; silt clay 172; fine sand 182. Water at 172.
Con IV " 15	A. Cordyback	F. Gerrits	Apr. 24	4	10	152	116	"	D	Topsoil 3; sand clay 60; fine sand 120; hard sand clay 130; fine sand 156. Water at 130.
Con IV " 17	B. Sterio	"	July 3	4	6	303	303	"	D	Fine sand 60; medium sand 180; blue clay gravel streaks 300; blue clay boulders 380; hard blue clay coarse sand 403. Water at 403.
Con IV " 17	G. Miller	King City Well Drilling Co. Ltd.	Dec. 18	4						Topsoil 2; blue clay 6; fine sand 56; blue clay 78; coarse sand 115. Dry hole.
Con IV " 17	"	"	Dec. 23	4	25	140	120	Fresh	D	Sand 125; blue clay gravel 181; coarse sand 185. Water at 181.
Con IV " 21	J. Methington	"	June 22	4	6	35	30	"	D	Topsoil 2; brown sand 60; fine sand 65. Water at 60.
Con IV " 28	J. Galbraith	F. Constable	Oct. 31	4						Topsoil 1; brown sand 20; blue clay 80; fine grey sand 105; blue clay 155. Dry hole.
Con IV " 32	M. Massick	Ontario Well Digging Co.	July 8	30			14	Fresh	D	Blue clay 20; sand clay 24. Water at 20.
Con V " 5	H. Fugh	A. Thomas	Aug. 20	4	3½	140	80	"	D	Well pit 4; red clay stones 60; blue clay stones 104; fine grey sand 108; fine sandy clay 135; fine sand 140. Water from 135 to 140.
Con V " 7	S.S.# 4.	C.H. Rutledge	Sept. 4	5	½	550	127½	"	P	Brown clay 20; blue clay 33; fine sand 34; blue clay 45; sand clay 90; blue clay 115; hardpan 320; blue clay 47; gravel sand clay 465; boulders 467; clay stones 545; hardpan 569; sand gravel mud 571; shale 620. Water at 70.
Con V " 10	A. Busby	P. Constable	Oct. 30	4	10	100	54	"	D	Topsoil 1; stones gravel 10; blue clay 90; brown sand 145; coarse sand 156. Water at 140.
Con V " 16	C. Brunt	"	Oct. 3	4	2	135	100	"	D	Old well pit 7; brown sand 140; coarse sand 157. Water at 140.
Con V " 18	L. Marsh	F. Gerrits	Feb. 28	4	15	85	79	"	D	Topsoil 3; brown sand 60; coarse sand 122. Water at 79.
Con V " 28	J. Thompson	Babulk Well Boring	Jan. 14	36			20	"	D	Sand 20; quicksand 50. Water at 20.
Con V " 34	Joubin's Farms	F.R. Roadway & Son	July 18	5½	10	83	73	"	D,S	Red clay stone 40; sandy clay 54; blue clay 78; black sand gravel 90. Water at 90.
Con VI " 26	D. Backley	Ontario Well Digging Co.	Oct. 20	30	1½		5	"	D	Blue clay 15; fine sand 20. Water at 15.
Con VI " 26	"	"	Oct. 20	30	2		10	"	D	Blue clay 40; coarse sand 46. Water at 40.
Con VI " 28	Paul's Grill	"	Nov. 8	30	1½		20	"	D,C	Clay sand 35. Water at 30.
Con VII " 3	H.K. Howell	H. Horan	Aug. 18	18	1		50	"	D	Clay 15; sand 62. Water at 50.
Con VII " 14	L.B. Black	F. Constable	June 3	2	2	155	105	"	D	Root cellar 8; blue clay 45; brown sand 100; blue clay gravel 130; coarse sand 155. Water at 145.
Con VII " 17	L. McGuinness	"	Sept. 10	5	30	360	280	"	D	Topsoil 1; clay stones 15; brown sand 120; blue clay 160; clay sand 220; blue clay 310; fine sand 360. Water at 360.
Con VII " 20	W. Bowman	"	Nov. 24	4	10	214	114	"	D,S	Topsoil 1; brown sand 15; blue clay 105; fine sand 130; blue clay 160; fine sand 214. Water at 214.
Con VIII " 8	L. Gully	C.H. Rutledge	Oct. 20	5	10	155	47	"	D	Topsoil 1; brown clay 22; blue clay 70; blue clay streaks mud 222; fine sand 250; medium sand 257. Water at 222.
Con VIII " 9	G. Oldfield	"	Oct. 31	4	4	79	60	"	D	Dug well 66; fine muddy sand 82; fine clean sand 95; sand clay 110; hardpan mud 210. Water at 66.

## YORK COUNTY - cont.

King Twp. - cont. Con VIII	lot	11	T.E. Kelley	C.H. Rutledge	May 9	5	50	135	53	Fresh	P	Brown clay 17; blue clay 292; hard sand clay 325; sand 330; clean sand 350. Water at 325. Topsoil 5; blue clay 35; hardpan 60; sand clay 140; sand 146; coarse sand 162. Water from 154 to 162. Topsoil 1; brown sand 90; blue clay gravel 100; quicksand 197. Dry hole. Topsoil 1; brown sand 64; coarse sand 70. Water at 67. Topsoil 1; yellow clay 74; silt quicksand 144. Dry hole.
Con VIII	"	11	Pina Service Station	S. McCauley	July 29	5	8	84	84	"	C	
Con VIII	"	17	W.J. Chapman	F. Constable	June 18	4	4	70	60	Fresh	D, C	
Con VIII	"	17	"	"	June 20	4	4					
Con VIII	"	21	B. Buddingh	F.M. Dennis Drilling Co.	Apr. 23	5						
Con VIII	"	26	R.E. Young	Babuik Well Boring	Jan. 29	30			44	Fresh	D	Brown clay 25; blue clay 64. Water at 64.
Con VIII	"	31	K. Maynard	M. Babluk	Apr. 14	30	5	15	15	"	D	Brown topsoil 17; grey clay pebbles 33; grey coarse sand 35. Water at 35.
Con VIII	"	31	B. Lister	"	June 18	30	2	15	15	"	D	Brown topsoil 12; grey clay pebbles 32; grey sand 34. Water at 34.
Con IX	"	5	Nor-Starr	H. Horen	Nov. 15	18	2 1/2	12	12	"	D, S	Brown clay 5; coarse sandy clay 18; coarse sandy gravel 24. Water at 18.
Con IX	"	13	H. Derrro	J. Horen	Aug. 10	24						Brown clay 12; blue clay 40; hard sand 60. Dry hole.
Con IX	"	31	C. Hilliard	"	Sept. 1	18						Brown clay 8; blue clay 20. Water from 8 to 20.
Con X	"	5	J. Chamberlain	C.H. Rutledge	May 28	4	8	180	69	Fresh	D, S	Brown clay 20; blue clay 95; hard clay sand 196; sand gravel 203. Water at 196.
Con X	"	27	A. Winters	Ontario Well Digging Co.	June 12	30		40	40	"	D	Hard clay rocks 10; fine gravel 60. Water at 60.
Con X	"	27	N. Eperburger	"	Nov. 20	30	2	75	75	"	D	Blue clay 75; sandy blue clay 95. Water at 75.
Con X	"	30	B. Brian	"	Nov. 20	34	1 1/2	30	30	"	D	Hard clay 20; sandy blue clay 40. Water at 30.
Con X	"	33	D. Palmer	"	June 30	30		20	20	"	S	Blue clay 40; coarse gravel 40. Water at 30.
Con X	"	23	"	"	Oct. 20	30		27	27	"	D, S	Blue clay 45; coarse gravel 47. Water at 47.
Con XI	"	6	B. Hanom	S. McCauley	Oct. 29	7						Dug well 9; brown sand 11; blue clay 48. Dry hole.
Con XI	"	16	S. Zajac	C.E. Snider	Nov. 11	5	5	95	49	Fresh	D, S	Topsoil 1; clay 16; boulders 20; clay 108; silt sand 184; sand 196; coarse sand 204. Water at 184 and 204.
Con XI	"	16	G. Fuller	Ontario Well Digging Co.	Nov. 18	30	< 1/2	30	30	"	D, S	Blue clay 33; coarse sand 45; blue clay 50. Water at 35.
Con XI	"	31	J. Wirth	"	Dec. 15	30	1	6	6	"	D, S	Pine sand 15. Water at 10.
O.S. Con II	"	23	P. Garnatz	P. Gartshore	July 20	2						Soft grey clay streaks sand 185. Dry hole.
O.S. Con II	"	23	A. Heber	Ontario Well Digging Co.	Apr. 10	30		0	0		N	Black muck 4; quicksand 12. Water at 4.
Markham Twp. Con I	lot	40	R. Bergenns	M. Babluk	June 24	30	1		20	Fresh	D	Brown topsoil 15; grey clay pebbles 43; grey sand 45. Water at 45.
Con I	"	58	Summit Golf Course	International Water Supply	Jan. 27	5					T 1-59	Black muck 3; silt sand gravel 12; dirty silty fine sand 45; tight sand fine gravel 68; silt 54; silt sand gravel 63; silt sand boulders 69; clay silt sand 80; gravel 84; hard clay gravel 141; streaks hard clay gravel boulders 226; clay gravel 257; hardpan 265; clay gravel hardpan 281; boulders clay 284; hard clay gravel boulders 303.
Con I	"	58	"	"	Jan. 30	5					T 2-59	Topsoil 1; silt 66; sand streaks clay 70; silt 76; clay sand streak gravel boulder 90; hard clay gravel 95; soft clay silt boulder 103; hard packed sand and clay 14.
Con I	"	58	"	"	Feb. 3	5					T 3-59	Black muck 3; gravel 9; silt 48; soft grey clay silt 56; clay gravel boulders 65; hard clay gravel boulders 101.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. Markham Twp. - cont. Con I lot 58	Summit Golf Course	International Water Supply	Feb. 11	5					T 4-59	Fine sand silt 4;silt 54;silt clay sand 64;boulders cemented gravel clay 72;hard clay gravel boulder 80;clay gravel boulder 100;clay gravel boulder 129;hard clay grav-1 odd boulder 236. Dug pit 7;blue clay 62;fine grav-1 clay 82;coarse sand 94. Water from 82 to 94. Clay 29;fine sand 38;sand 44. Water at 40.
Con II	M.M. Hodgson	King City Well Drilling Co.Ltd.	Apr. 10	4	4	60	60	Fresh	D	
Con II	J.R.Reycreaft	D.Groleau Diamond Drilling	Apr. 18	2	15	23	23	"	T	
Con II	"	M. Babiuk	Apr. 21 July 7	2 30	15 2	20 30	20 30	"	T D	Clay 19;fine sand 34;boulders sand 45;sand 49. Water at 45. Brown topsoil 20;brown soil brown sand 30;coarse sand 40. Water at 30.
Con II	K.A. Hood	G.Pockler Babiuk Well	Sept. 26 Mar. 10	2 36	3 3	16 9	23	"	C	Brown clay 10;fine sand 24;coarse sand 29. Water at 19. Deepen 10;sandy hardpan 35. Water at 25.
Con III	G.E. Woods	Boring	Dec. 23	2	6	70	70	"	D	Mixed sand gravel 155;coarse sand 160. Water from 155 to 160.
Con III	J. Bernum	R.P.Challoner	Oct. 18	30	1 1/2	25	25	"	D	Yellow clay 5;blue clay 16;sand 22;quicksand 32. Water at 25.
Con III	S. Brewer	W. Wilson	Nov. 17	30	3	16	16	"	D	Yellow clay 6;blue clay 15;sand 24;quicksand 30. Water at 18.
Con III	J. Brunwell	Ontario Well Digging Co.	Aug. 2	34	2	10	10	"	D	Blue clay 28;sand 30. Water at 28.
Con III	L.B. Borean		Dec. 27	34	2	10	10	"	D	Clay stone sand 28. Water at 28.
Con III	"	P.R.Boadway & Son	Sept. 15	5	2 1/2	55	35	"	P	Red gravelly clay 30;hardpan 172;gravelly clay 177;gravelly blue clay 42;fine gravel sand 44;rocks. Water from 30 to 172.
Con IV	Heise Hill Church	W. Wilson	Oct. 19	30	4	26	26	"	D	Yellow clay 7;sand 50;gravel 36. Water at 30.
Con IV	F. Leaf	Jefferson	Apr. 18	2	5	93	58	"	D	Sandy yellow clay 90;stony blue clay 130;sandy blue clay 106;sand 151. Water at 48.
Con IV	A.I. Morley	Drilling Co.	Apr. 23	30	1	20	20	"	D	Brown topsoil 12;Erey clay pebbles 38;sand 40. Water at 40.
Con IV	D. Lott	M. Babiuk	Apr. 27	30	1	20	20	"	D	Brown topsoil 12;Erey clay 34;sand 36. Water at 36.
Con IV	H. Vaughn	R.P. Challoner	May 5	3	6	33	25	"	D	Hard packed sand gravel 44;coarse gravel 50. Water from 44 to 50.
Con IV	C. Garner		May 15	3	4	55	40	"	D	Well pit 6;brown clay 10;hardpan 55;sand coarse gravel 60. Water from 55 to 60.
Con IV	"	"	May 28	3	4	55	45	"	D	Well pit 6;brown clay 10;hardpan 60;coarse sand gravel 65. Water from 60 to 65.
Con IV	"	"	June 10	3	4	50	40	"	D	Well pit 6;brown clay 10;hardpan 45;coarse sand gravel 60. Water from 45 to 60.
Con IV	"	"	July 3	2	2	65	65	"	D	Well pit 6;brown clay 20;hardpan 60;blue clay 110;quicksand 125;fine sand 135. Water from 125 to 135.
Con IV	"	"	July 20	2	6	10	10	"	D	Well pit 6;brown clay 10;hardpan 60;blue clay 110;quicksand 115;pea gravel 120. Water from 115 to 120.
Con IV	"	"	July 25	2	6	10	10	"	D	Cemented gravel sand 70;blue clay 120;coarse gravel 125. Water from 120 to 125.
Con IV	"	"	Sept. 2	2	6	10	10	"	D	Cemented gravel sand 70;blue clay 120;coarse gravel 125. Water from 120 to 125.
Con IV	"	"	Apr. 12	2	3	30	30	"	D	Dug well 31;coarse sand 38. Water from 31 to 38.
Con IV	J. Fisher	P. Harrison	Dec. 2	5	14	49	49	"	S	Dug 23drilled gravel 68;coarse gravel 70. Water at 70.
Con IV	C.E. Simons	H. Babiuk	July 14	30	1	12	12	"	D	Brown topsoil 12;Erey clay 34;Erey sand 36. Water at 36.
Con IV	G.R. Sisson	Ontario Well Digging Co.	July 14	34	5	10	10	"	D	Blue clay 20;quicksand 25. Water at 20.
Con IV	R. Brunwell		July 20	34	1	20	20	"	D	Blue clay 22;fine sand 26. Water at 22.
Con IV	W. Wilson		July 20	34	1	20	20	"	D	



Con V	lot 8	J.G. Van Hezewyk	C.E. Snider	Dec. 22	4	10	56	49	Fresh	D,S	Topsoil 2; clay 16; boulders 18; sand clay 40; boulders 43; sand clay 82; gravel 84; clay 101; clay gravel 112; silt sand 123; gravel 129. Water from 123 to 129. Dug well 20; stones blue clay 65; fine sand 79; sand 83. Water at 79. Sand clay 12; blue clay sand 50; hardpan 70; hard clay gravel 81. Water at 70. Topsoil 3; hard clay gravel 20; blue clay sand 40; hardpan 60; gravel 70; hard blue clay 50; shale gravel 115. Water at 90. Sand 10; brown clay 23; sand 25. Water from 23 to 25. Dug well 20; blue clay, fine sand 40; hardpan 60; gravel 120. Hard blue clay 90; shale gravel streaks 120. Water at 120. Brown clay sand 15; stony blue clay 56; coarse gravel 60. Water at 56. Drilled well 50; clay 55; clay gravel 65; clay stone 92. Water at 61. Dry well 9; blue clay 30; blue clay gravel 60; coarse gravel 66; coarse sand 70. Water at 69. Sandy brown clay 16; stony blue clay 49; gravel 53. Water at 49. Brown clay 12; stony blue clay 42; coarse gravel 46. Water at 42. Topsoil 3; sandy brown clay 20; stony blue clay 40; sand 44; hardpan gravel 112; gravel. Water at 112. Topsoil 4; sand 13; hard blue clay stones 38; gravel 42. Water at 38. Topsoil 3; sand brown clay 14; stony blue clay 44; gravel 48. Water at 44. Yellow clay 7; blue clay 12; gravel stones 15; stony blue clay 27. Water at 14. Dug well 30; gravel 32; blue clay 99; sand 103. Water at 99. Brown topsoil 20; coarse brown sand 25; hard grey clay 45. Water at 20. Brown topsoil 12; grey clay 30; coarse sand 31; grey clay 39. Water at 31. Brown clay 18; grey clay 32; clay gravel 40. Water at 32. Brown clay 15; grey clay 25; sand 30. Water at 26. Brown clay 15; grey clay 45; clay gravel 51. Water at 45. Yellow clay 8; stony blue clay 38; blue clay 66. Water at 60. Brown clay 14; blue clay 38; white clay gravel 138; white brown sand 148. Water from 138 to 148. Dug well 35; blue clay stones 142; dirty fine sand 160; blue shale 215. Water at 200. Black loam 5; hard clay 30; dirty gravel 49; grey soft clay 78; white brown sand 78. Water at 68. Brown topsoil 12; grey clay pebbles 33; coarse sand 35. Water at 35. Black loam 1; brown medium sand 55; coarse gravel 60. Water from 55 to 60. Blue clay 15; sand gravel 23; sand 43. Water at 43. Dug well 18; silty clay 30; coarse sand gravel 38. Water at 38.
" 10	" 10	H. Stiver	B.H. Findlay	July 16	2	6	70	15	"	D	
" 10	" 10	Bank of Nova Scotia	P. Gerrits	July 17	4	4	115	12	"	D	
" 10	" 10	J. Hull	"	July 27	4	1	120	7	"	D	
" 10	" 10	"	B. Hunt	Sept. 4	30			22	"	D	
" 10	" 10	"	F. Gerrits	Oct. 18	4	1		7	"	D	
" 11	" 11	L. McMullen	B.H. Findlay	May 22	2	5		20	"	D	
" 11	" 11	J. Russell	F.R. Roadway & Son	Nov. 7	5½	4	58	15	"	D	
" 11	" 11	Can. Bank of Commerce	Keswick Well Drilling Co.	Nov. 25	4	4	23	16	"	P	
" 12	" 12	Unionville Veterinary Club	B.H. Findlay	May 6	2	5½		16	"	P	
" 13	" 13	T. Tatnall	"	June 25	2	6		12	"	D	
" 13	" 13	P. Arnold	"	Aug. 12	2	12		Flows	"	D	
" 14	" 14	P. Martindal	"	Feb. 23	2	5½		13	"	D	
" 14	" 14	M.A. Clanet	"	Apr. 5	2	5		16	"	D	
" 19	" 19	L. Weatherill	Wilson's Well Digging	Dec. 22	30	2		10	"	S	
" 21	" 21	H. Stiver	B.H. Findlay	Nov. 20	2	2		Flows	"	D	
" 33	" 33	W. Yusko	M. Babluk	Oct. 13	30	3		20	"	D	
" 5	" 5	E. Rims	"	Aug. 5	30	½		15	"	D	
" 5	" 5	J. Clark	B. Hunt	Sept. 21	30			30	"	D	
" 5	" 5	B. MacBride	"	Sept. 28	30			18	"	D	
" 5	" 5	B. Bowne	"	Oct. 12	30			45	"	D	
" 5	" 5	W. Davis	W. Wilson	Oct. 24	30	1		26	"	D	
" 6	" 6	K. Jewet	P. Spatuck	June 17	30	8	85	58	"	D	
" 7	" 7	J.E. Blainey	D. Loughheed	May 15	7	2	200	35	"	D	
" 7	" 7	W. Theakston	P. Spatuck	Aug. 27	5	10	38	31	"	D	
" 10	" 10	S.H. Fitzsimmons	M. Babluk	June 6	30	2		12	"	D	
" 10	" 10	W. Sneyd	R.F. Challoner	Sept. 20	2	6		5	"	D	
" 25	" 25	R.H. Herr	F.R. Roadway & Son	Oct. 12	5	3	26	23	"	D	
" 26	" 26	R. Noxon	"	Nov. 13	5	10	20	15	"	D	

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. Markham Twp. - cont. Con VI lot 29	H. Miller	D.S. Loughheed	Apr. 20	4	10	80	22	Fresh	D, S	Dug well 50; blue clay boulders 125; blue clay hardpan 228; medium sand 232. Water at 232.
Con VI " 30	J. Wingert	F. Gerrits	Oct. 28	4	6	82	10	"	D	Tonsoil 4; clay sand 40; soft blue clay 82; coarse sand 86. Water at 82.
Con VI " 30	F. Bennett	Ont. Well Digging Co.	Nov. 10	30	2		5	"	D	Blue clay 25; fine sand. Water at 25.
Con VII " 4	J. Coppard	P. Spatuck	June 24	5	25	48	48	"	D	Brown clay 11; hardpan 56; blue clay 88; gravel clay 103; sand 120. Water at 103.
Con VII " 19	H. Nobbs	Wilson's Well Digging	Nov. 28	30	3		8	"	D	Yellow clay 9; coarse gravel 16; blue stone clay 18. Water at 9.
Con VII " 24	P.L. Durant	F.R. Roadway & Son	Oct. 31	5 1/2	10	35	32	"	D, S	Old dug well 35; quicksand 39; gravelly clay 48; gravel 55. Water at 55.
Con VII " 26	C. Bell	"	Oct. 3	5	4	20	16	"	D	Old dug well 29; hardpan 107; fine sand. Water at 107.
Con VII " 31	F. Hamsey	W. Wilson	Oct. 21	30	5		17	"	D	Yellow clay 7; blue clay 10; sand gravel 24; sand 30. Water at 17.
Con VIII " 7	R. Hadden	P. Spatuck	Aug. 6	5	14	38	31	"	D	Brown loam 4; brown clay 28; hardpan 53; dirty gravel 67; sand 90. Water at 53.
Con VIII " 24	G. Pipher	G. Fockler	Nov. 28	2			7 1/2	"	D, S	Dug well 16; blue clay stones 26; coarse gravel 27 1/2. Water at 27 1/2.
Con VIII " 29	X. Walker	F.R. Roadway & Son	Oct. 7	5 1/2	4	12	10	"	D, S	Old well dug 24; hardpan 60; silt gravel 65. Water at 65.
Con VIII " 30	M. Eby	"	July 24	5	2	100	28	"	D	Old well dug 28; hardpan boulders 60; layer boulders 75; hardpan 115. Water from 28 to 115.
Con IX " 6	A. Schmidt	W. Wilson	Oct. 15	30	2 1/2		15	"	In	Yellow clay 10; blue clay 30; sandy clay 40. Water at 30.
Con IX " 6	D. Raymer	"	Nov. 6	30	2		25	"	D, S	Yellow clay 5; coarse gravel 11; stony blue clay 36. Water at 32.
Con IX " 12	L.C. Reesor	F.R. Roadway & Son	Apr. 11	6						Clay hardpan boulders 240; silt fine sand 320; clay 362; rock. Dry hole.
Con X " 10	Armstrong Bros.	"	Dec. 16	5 1/2	3	115	83	"	D, S	Open hole 45; hardpan boulders 140; white clay stone 160; dirty sand 189; gravelly clay 230; silty gravel 233; blue clay 262; black silt. Water at 160.
Con X " 18	W. Smith	J. Moore	Oct. 5	30	2		15	"	D	Grey clay 25; medium gravel 27. Water at 25.
Con X " 20	P. Palmer	Wilson's Well Digging	Dec. 4	30	3		8	"	D, S	Yellow clay 4; sand 9; coarse gravel 13; blue clay 20. Water at 10.
Newmarket	Newmarket Ave. Plan 359	International Water Supply Ltd.	Jan. 19	2			3	Fresh	T 1-59	Tonsoil 1; brown clay 3; brown clay gravel 7; brown clay 14; blue clay 74; blue clay gravel streaks 77; sandy blue clay gravel 182; hard packed gravel sand 184; sandy blue clay gravel 187; gravel sand boulders clay 188; sandy blue clay gravel 193; sandy blue clay 202; boulders gravel sandy clay 205; gravel streaks 205; gravel sand loose clay 212; silty blue clay 228; sandy blue clay small gravel streaks hard packed clay 251; gravel sand clay 252; blue clay 254; sandy blue clay gravel 261; sandy blue clay 313. Water at 187.
Newmarket	"	"	Jan. 21	2	37 1/2	10	5	"	T 3-59	Gravel 87; hard packed oriented streaks sandy blue clay 181; sandy blue clay gravel streaks 184; oriented sand gravel 186; gravel sand clay broken gravel 193; sandy blue clay 195; gravel sand clay 202; clay gravel hard packed 204; gravel sand clay gravel streaks 223; sandy blue clay gravel hard packed 241. Water at 204.

YORK COUNTY - cont.

Con II	North Gwillimbury Twp. lot 5	F. Aridy	Keswick Well Drilling Co.	May 11	2	10	3	1½	Fresh	D	Yellow sand 6;blue clay 60;quicksand 65;blue clay 98;fine sand 102;coarse sand gravel 103. Water at 103. Clay 10;fine sand 12. Water at 10.
Con II	" 5	R. Holden	Ontario Well Digging Co.	July 9	30	2		2	"	D	Blue clay 20;quicksand 30. Water at 20. Yellow sand 6;blue clay 60;quicksand 68;blue clay 100;fine sand 146. Water at 140.
Con II	" 5	P. Page	"	July 9	30	1		15	"	D	Land 3;blue clay 70;coarse sand 76;blue clay 108;coarse gravel 110. Water at 110.
Con II	" 5	D. Elliott	Keswick Well Drilling Co.	Nov. 7	2	Flows		3	"	D	Yellow sand 6;blue clay 70;coarse sand 76. Water at 76. Topsoil 1;brown clay 6;blue clay 75;coarse gravel 8½. Water at 8½.
Con II	" 6	P. Potter	"	Apr. 18	2			Flows	"	D	Yellow sand 6;blue clay 78;gravel 81. Water at 81. Overburden 1½;yellow sand 7;blue clay 54;gravel sand 57. Water at 57.
Con II	" 6	J. Ryder	"	Oct. 5	2			Flows	"	D	Sandy clay 3;hard clay stones 78;coarse loose gravel 79;hard packed sand 108;gravel. Water at 79 and 108.
Con II	" 7	Desourdy & Desourdy	"	July 16	2	6		2½	"	D	Fine gravel clay 20. Water at 15.
Con II	" 7	W. Heley	"	July 20	2	3		10	"	D	Surface loam 3;limestone 6;hardpan 80;gravelly clay 110;blue clay 236;sand 240. Water at 240.
Con II	" 7	"	"	Aug. 20	2	7½		3	"	D	Blue clay 20;fine sand 25. Water at 20.
Con II	" 15	M. Collins	Reliance Well Drilling Co.	June 6	2	4		20	"	D	Yellow clay 12;blue clay 36;blue clay silt 75;blue clay 02;blue clay silt 115; blue clay 152; silt sand gravel 164. Water at 164.
Con II	" 18	Surburban Builders	Ontario Well Digging Co.	Aug. 6	30	2		5	"	D	Clay 4;fine gravel 12. Water at 8.
Con II	" 18	B. Levy	F.R. Roadway & Son Digging Co.	Aug. 6	30	2		5	"	D	Hard clay 24;fine gravel 25. Water at 25.
Con II	" 21	C. Boyd	"	Oct. 20	5½	6		25	"	D	Topsoil 2;red sand 9;grey sand 15;coarse gravel 17½. Water at 17½.
Con II	" 22	D. C. Smith	Ontario Well Digging Co.	Aug. 24	30	2		5	"	D	Hard yellow clay 45;coarse hard gravel 53. Water at 53.
Con II	" 24	"	"	Jan. 2	5½	8		130	"	D	Clay 15;coarse sand 18;gravel 22. Water at 22.
Con II	" 24	R. Laidlaw	Ontario Well Digging Co.	Mar. 9	34	10		6	"	D	Topsoil 1;brown clay 6;blue clay 65;coarse gravel 66. Water at 66.
Con III	" 6	G. Wilson	Reliance Well Drilling Co.	July 8	30	1		10	"	D	Blue clay 15;hardpan 25;quicksand. Water at 25.
Con III	" 6	R. Banks	"	Sept. 22	2	6		12	"	D	Red clay stone 19;soft sandy clay 22;sand stone layers 40. Water at 40.
Con III	" 6	R. Jones	Keswick Well Drilling Co.	Sept. 30	4	2		51	"	D	Soft grey clay 72;hard sandy clay 89;coarse sand gravel 94. Water at 94.
Con III	" 7	H. Baker	Reliance Well Drilling Co.	Apr. 6	2	2½		18	"	D	Fill 3;bog 10;blue clay 40;wooden log 41;blue clay 80; gravel 80. Water at 80.
Con III	" 7	D. McCalluey	Keswick Well Drilling Co.	July 14	2	6		8	"	D	Soft grey clay 48;hard clay limestone 70;soft sandy clay 82;coarse loose sand 86. Water at 86.
Con III	" 7	P. Morrissey	Ontario Well Digging Co.	July 22	30	3		10	"	D	Soft grey clay 27;hard clay stones 38;sandy clay 80;fine sand 95;gravel 97. Water at 97.
Con III	" 7	E. Blanchard	"	Oct. 2	4	5		32	"	D	Soft grey clay 34;hard clay stones 40;grey clay 86;fine sand 90. Water from 86 to 90.
Con III	" 9	F. Allen	Reliance Well Drilling Co.	Apr. 16	2	3		22	"	D	
Con III	" 9	S. Burnett	Keswick Well Drilling Co.	Aug. 17	2			1	"	D	
Con III	" 10	W. fait	Reliance Well Drilling Co.	July 2	2	4			"	D	
Con III	" 11	C. Bonde	"	Apr. 29	2	5		105	"	D	
Con III	" 11	L. Halloway	"	May 19	2	7		6	"	D	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. North Gwillimbury Twp.										
Con III	lot 2 R.M. Wilton	Reliance Well Drilling	June 12	2	4	20	Flows	Fresh	D	Black sandy soil 3; grey clay 78; hard clay stones 65; hard sandy clay 82; coarse sand 84. Water at 84.
Con III	" 11 W. Chappell	"	July 23	2	5		"	"	D	Soft grey clay 66; hard clay small stones 94; coarse sand gravel 97. Water from 94 to 97.
Con III	" 11 J. Holland	Keswick Well Drilling	July 30	2		4	"	"	D	Yellow clay sand 6; blue clay 40; sand gravel 45. Water at 45.
Con III	" 12 A. Taylor	"	Oct. 10	4			"	"	D	Fill 2; blue clay 40; gravel 45; blue clay 60; gravel 68; blue clay 76; gravel 80; hard coarse sand 104. Water at 104.
Con III	" 12 G. Morton	Ontario Well Digging Co.	May 5	30	< 1		6	"	D	Blue clay 20. Water at 6.
Con III	" 12 "	"	May 7	30	< 1		6	"	D	Soft clay 20. Water at 6.
Con III	" 12 W. Sharpe	Reliance Well Drilling	Sept. 30	2	2		3	"	D	Soft clay 16; gravel 17; clay small stones 84; limestone 93; fine sand 96. Water from 93 to 96.
Con III	" 13 F. Heaton	A.J. Thomas	Feb. 15	4					D	Hard clay stones 38; hardpan stones 80; hardpan sand 190.
Con III	" 13 "	"	Apr. 1	4	2	70	15	Fresh	D	Hard hole. stones 38; hardpan 70. Water at 70.
Con III	" 15 A.R. Winters	"	May 29	4	6	40	24	"	D	Topsoil 2; fired clay stone 25; grey clay stone 80; hardpan gravel 82; coarse sand 90. Water at 82.
Con III	" 16 F. Morton	Ontario Well Digging Co.	Oct. 30	30	1		20	"	D	Clay small stones 25; sand 30. Water at 25.
Con III	" 21 F. Spence	Keswick Well Drilling	Jan. 25	4	5	67	30	"	S	Yellow clay 21; stones clay 45; quicksand 49; gravel clay streaks 102; coarse gravel coarse sand 108; blue clay 135; gravel 140. Water at 140.
Con III	" 25 E.G. Baker	F.R. Roadway & Son	Sept. 22	5 1/2	8	114	15	"	D	Dry gravel 6; soft gravelly blue clay 13; putty blue clay 37; blue quicksand 40; putty blue clay 48; fine black sand 59; putty blue clay 127; layers clay sand gravel 130; gravel coarse black sand 134. Water from 130 to 134.
Con III	" 26 North Gwillimbury Park	"	July 1	5	6	40	10	"	P	Black loam 1; coarse sand gravel 3; red clay gravel 12; soft gravelly blue clay 17; dirty gravel boulders 28; tough blue clay 55; putty blue clay 72; fine black sand 80. Water from 72 to 80.
Con III	" 27 W. Hulse	Ontario Well Digging Co.	Apr. 2	30	2		3	"	D	Sand 5; clay 35. Water at 32.
Con III	" 28 A.L. Hudson	F.R. Roadway & Son	Apr. 15	5	6	16	9	"	D	Clay stone 4; hardpan gravel 13; red sand 39. Water at 39.
Con III	" 28 R. Kirtton	Ontario Well Digging Co.	June 4	30	1		10	"	D	Sandy clay 30. Water at 20.
Con III	" 28 G. Gibson	F.R. Roadway & Son	Sept. 11	5 1/2	3	29	11	"	D	Sandy clay stone 3; red sand 35. Water at 35.
Con III	" 29 R. Weir	Ontario Well Digging Co.	Aug. 29	30	2		10	"	D	Blue sandy clay 30. Water at 20.
Con IV	" 18 M. Winch	F.R. Roadway & Son	Sept. 28	5 1/2	10	40	20	"	D, S	Dug well 33; hardpan boulder 53; gravelly clay 59; silt 60; soft gravelly clay 70; hard gravelly clay 88; soft gravelly clay 127; cemented sand gravel 133. Water at 127.
Con V	" 3 A. Wellman	A.J. Thomas	Jan. 9	4	5	47	37	"	S	Dug well 25; fired sandy clay stone 45; grey stoney clay 80; gravel 83. Water at 80.
Con VI	" 21 L.J. Harmon	Ontario Well Digging Co.	June 18	30	3		2	"	Ir	Clay 2; coarse gravel 10; blue clay 20. Water at 2.
Con VIII	" 11 H.G. Crowder	"	June 8	30			10	"	D	Sand 30. Water at 20.
Con IX	" 2 H. Barrack	"	Aug. 18	30	2		6	"	D	Blue sandy clay 32. Water at 32.
Con IX	" 6 M. Wilson	"	July 14	30	2		10	"	D	Sandy clay 35. Water at 25.
Con IX	" 6 V. Simmons	F.R. Roadway & Son	Aug. 18	5	1	22	20	"	D	Bored hole 60; hardpan 110; gravelly clay 118; hardpan 147; limestone 164. Water from 147 to 164.

YORK COUNTY - cont.  
North Cwillingbury Twp.

Con IX	lot 7	H. Black	A.J. Thomas	May 8	4	5	30	0	Fresh	D	
Con IX	" 8	J. Whittekar	Ontario Well Digging Co.	Aug. 10	36	1	32	28	"	D	Black topsoil 2; soft grey clay 40; grey clay 42; hardpan 50; dirty hardpan 51; hard sandy clay 56; grey clay stones 140; bedrock. Water at 140.
Con IX	" 9	D. Aves	F.R. Roadway & Son	July 9	5	7	15		"	D	Hard grey clay rocks 35; stone 36. Water at 36.
Con IX	" 9	G. Haskett	Ontario Well Digging Co.	Oct. 20	30	3½		7	"	D	Hardpan red clay 12; hard blue clay boulders 25; soft blue clay boulders 33; cemented sand gravel 37. Water from 33 to 37. Blue clay 20; sandy clay 32. Water at 20.
Con IX	" 10	R. McFarlane	"	Apr. 21	30	2	12	5	"	D	Blue clay 12; fine sand 18. Water at 15.
Con IX	" 10	B. Thompson	"	Aug. 4	30	1	10		"	D	Blue clay layers sand 32. Water at 30.
Con IX	" 12	H. Hunter	A.J. Thomas	Apr. 16	4	4	45	5	"	D	Red clay stone 25; grey clay stone 50; hardpan 70. Water at 50 and 70.
Con IX	" 12	M. Kendall	Reliance Well Drilling	June 29	2	3	20	12	"	D	Sandy soil 2; hard sand stones 20; loose gravel 26. Water at 26.
Con IX	" 12	R.W. Hale	Keswick Well Drilling Co.	July 14	4			10	"	D	Dug well 23; blue clay stones 38. Water at 38.
Con IX	" 12	J.F. Marshall	"	Aug. 15	4	2	40	20	"	D	Hard clay stones 10; blue clay 20; hard packed gravel 22; blue clay 68; coarse hard sand 75. Water at 78.
Con IX	" 13	E. Fritz	A.J. Thomas	Oct. 8	4	4	50	16	"	D	Hard clay stone 15; soft clay stone 28; fine sand 29; soft grey clay 70; hardpan gravel 76; coarse sand 78. Water at 78.
Con IX	" 13	A. MacArthur	"	Oct. 18	4	5	14	12	"	D	Dug well 17; red sand 21; hardpan gravel 23; coarse gravel 26. Water at 26.
Con IX	" 14	R.O'Dell	F.R. Roadway & Son	Jan. 23	5½	10	45	35	"	D, S	Dug well 15; clay small stone 75; clay boulders 84; sandy clay 105; gravelly clay 115; coarse sand 127. Water at 127.
Con IX	" 15	P. Ooste	"	June 23	5	14	15	9	"	D	Bored well 18; hardpan stone 42; clay fine sand layers 50; clay 64; soft clay 95; gravelly clay 101; limestone 110. Water at 110.
Con IX	" 15	D. Litner	"	June 26	5	6	18	3	"	D	Black loam 1; red sandy clay 13; hardpan boulders 57; soft putty clay 73; hard gravelly clay 80; sandy clay 90; tough putty clay 92; bedrock 97. Water from 75 to 92.
Con IX	" 16	R. Hayworth	"	Apr. 23	5	6	20	10	"	D	Black loam 2; hardpan boulders 60; blue clay sand silt layers 65; hardpan boulders 79; grey bedrock 81. Water at 79.
Con IX	" 16	W.J. Scott	Keswick Well Drilling Co.	May 11	4	3	8	2	"	D	Hard clay 6; blue clay 60; boulders clay 80; gravel 86. Water at 86.
Con IX	" 16	J. McMillan	"	June 23	4	3	35	2	"	D	Hard clay 6; blue clay 60; boulders 80; gravel 84. Water at 84.
Con IX	" 16	Slade & Mitchell	"	Sept. 14	4	3	10	3	"		Overburden 6; blue clay 11; sand 16; blue clay 30; gravel 32; hard clay stones 34; coarse gravel 50; blue clay 67; coarse sand 76. Water at 67.
Con IX	" 17	S. Zabina	"	Nov. 3	6				"	P	Black muck 10; blue clay 18; coarse sand 54. Water at 18.
Con IX	" 18	D. Bush	A.J. Thomas	Sept. 7	4	2½	30	Flows 4½	"	D	Sandy topsoil 2; red sandy clay 14; soft grey sand 18; hardpan 19; fine sand 30. Water from 19 to 30.
North York Twp.	lot 13	B. Tacon	D.S. Loughheed	Oct. 12	4	15	12	2	Fresh		Topsoil 1; sandy clay 101; coarse sand 107. Water at 107.
YSE Con III	" 23	Highland Memory Gardens	International Water Supply Ltd	Sept. 22	2	2		39½	"	T	Sandy brown clay odd boulder 12; silty clay boulder 35; silt 49; silt sand 53; clay 55; silt 57; sand silt 60; clay gravel 66; gravel sand boulder 79; small clay streaks 93; clay gravel 154; silty clay streaks 165; silt soft clay 210.
YSE Con III	" 23	"	"	Oct. 9	2				"	T 2-59	Brown clay 10; blue clay 24; blue clay gravel boulder 35; silt sand 53; clay 54; silt sand 60; clay gravel 66; tight sand silt 79; gravel streaks clay 81.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
<b>YORK COUNTY - cont.</b> North York Twp. -cont. YSW Con II lot 25	Dr. C.M. Spooner	E.E. Jacobson	Oct. 15	8	1	300	85	Fresh	D	Black loam 1;sand gravel brown clay 40;coarse sand clay 60; fine brown sand quicksand 302;streaks blue clay fine gravel 303;grey shale 351. Water at 303.
YSW Con II " 25	A. Heron	King City Well Drilling Co. Ltd.	May 2	4	12	50	50	"	D	Pit 7;blue clay 100;fine sand 120;coarse sand 135. Water from 120 to 135.
YSW Con III " 23	B.A. Oll Co.	"	Nov. 12	4	8	120	80	"	P	Topsoil 2;clay 28;gravel 35;blue clay 140;fine sand 162; coarse sand 165. Water at 162.
YSW Con III " 23	"	"	Nov. 27	4	12	135	115	"	P	Topsoil 2;clay 20;gravel 35;blue clay 130;fine sand 155; sand 167. Water at 155.
<b>Scarborough Twp.</b> Con B lot 20	R. Guy	B. Hunt	May 2	24			24	Fresh	D	Brown clay 11;brown sand 28;silty sand 33. Water at 28.
Con B " 31	B. Degoe	B. Huffman & Sons	Dec. 10	4			25	"	N	Brown sand clay 20;blue silty sand 115. Water from 25 to 115.
Con I " 3	H. Wellman	B. Hunt	Oct. 27	30			43	"	D	Brown clay 11;grey clay 33;clay gravel 49. Water at 43.
Con I " 3	J. Hennell	"	Oct. 30	30						Topsoil 2;black much 20;blue clay hard sand natural gas
Con I " 6	Metropolitan Parks Dept. Toronto	C.H. Rutledge	Nov. 9	6	10	17	10 1/2	Fresh	D	40;blue clay 44;sand clay 48;hardpan 65;shale 105. Water at 44.
Con II " 6	W.H. Harris	B. Hune	July 10	36			3	"	D	Sand 8. Water at 6.
Con III " 5	K. Lansing	F.R. Roadway & Son	Nov. 2	5						Dug well 60;hardpan stone 89;black shale 119. Dry hole.
Con III " 24	J.C. Day	B. Huffman & Sons	Mar. 10	5	25	76	76	Fresh	D	Dug well 45;clay gravel 98;brown sand 108;gravel 115. Water at 108.
Con III " 24	C. Day	"	Mar. 19	5	20	80	80	"	D	Dug hole 45;hardpan 107;sand 110;coarse gravel 115. Water at 115.
Con IV " 4	Board of Education	"	Apr. 13	7	25	87	37	"	P	Brown sand clay 35;hardpan 55;blue clay 116;coarse gravel 117. Water at 117.
Con IV " 4	"	"	Mar. 9	7	3	176	35	Muddy	N	Gravel boulders 63;grey clay 133;brown silt 145;grey clay 153;grey shale 176.
Con IV " 17	Liquifuels Ltd.	King City Well Drilling Co. Ltd.	Nov. 4	5	10	40	20	Fresh	P	Topsoil 2;fine sand 20;blue clay 60;coarse sand 65. Water at 60.
Con IV " 22	A.P. Wheeler School	B. Huffman & Sons	Feb. 15	6	16	70	50	"	P	Brown sand 40;sand clay gravel 80;coarse gravel 85. Water at 85.
Con IV " 27	P.M.D. Equipment Ltd.	M. Babuk	Jan. 13	30	1		28	"	In	Topsoil 28;coarse sand gravel 30;grey clay 47. Water at 28 and 47.
Con IV " 28	K.W. Betz	Ontario Well Digging Co.	Dec. 20	30	1		10	"	In	Blue clay 35;blue fine sand 38. Water at 35.
Con IV " 30	J. Kowalski	R.F. Challoner	Oct. 23	4			52	"	N	Dug well 30;blue clay 60;coarse gravel 61. Water at 60.
Con V " 20	W.T. Glazier	A.J. Thomas	Sept. 17	4	6	69	58	"	D	Red clay stones 18;grey clay stones 68;fine black sand 70;fine sand stones 80. Water from 70 to 80.
Con V " 28	A. Douglas	F. Ince	May 20	6						Loam 4;blue clay 10;shale 80. Dry hole.
<b>Sutton</b> Con III lot 1	J. Gibson	Keswick Well Drilling Co.	Jan. 4	4	3	38	23	Fresh	D	Dug well 22;yellow sand 30;blue clay 50;gravel 53. Water at 53.
<b>Toronto</b> Ashbridge Bay Yacht Club	Parks Dept.	C.H. Rutledge	Jan. 6	6	150		Flows	Fresh	P	Black muck 8;blue clay 15;gravel sand clay 50;blue clay 118; sand gravel 126. Water at 15 and 118.
<b>Toronto</b>	P. Spatuck	"	July 29	6	25	21	5	"	P	Beach sand 22;green clay 40;gravel 53. Water from 44 to 53.



YORK COUNTY - - cont.

Vaughan Twp. Con I	lot 26	Vaughan Twp.	International Water Supply Co.	June 26	6	104	92	75	Fresh	T	
Con I	" 30	B.A. Service Station	F. Harrison	Mar. 9	2	3	54	54	"	C	Topsoll 1;grey clay 7;fine silty sand clay gravel 64;sandy clay gravel 88;sand clay gravel 93;hard packed sand gravel 112;sand gravel 114;sand gravel 125;hard packed sand gravel cemented streaks 147;hard packed sand gravel clay 152; cemented sand gravel clay 154. Water at 80. Sand 77;quicksand 79;sand 80. Water at 80.
Con I	" 30	N. Bradley	"	May 5	2	5	7	7	"	D	Dug well 7;sand 23. Water from 7 to 23.
Con I	" 30	C. Donera	"	June 29	2	5	15	15	"	D	Well pit 7;brown clay 32;blue clay 44;sand 49. Water from 44 to 49.
Con I	" 30	P. McQuillan	"	Oct. 10	2	3	45	45	"	D	Brown clay 16;blue clay 60;quicksand 65;coarse sand 73. Water from 70 to 73.
Con I	" 34	A. Wigston	S. McCauley	Oct. 1	7	20	304	34	Salty	N	Topsoll 1;blue clay 88;sand gravel 96;hardpan 188;blue clay 298;red shale 398;gravel 399;limestone 438. Water from 400 to 438.
Con I	" 38	C. Bower	F. Harrison	July 21	2	5	58	58	Fresh	D	Stony brown clay 41;blue clay 70;sandy clay 85;fine sand 89; sand 95. Water from 89 to 95.
Con I	" 39	C. Donera	B.H.Findley	Sept. 3	2	5	42	42	"	D	Brown clay 18;blue clay 92;fine sand 106;sand 110. Water at 100.
Con I	" 50	G. Nicols	King City Well Drilling Co.Ltd.	Mar. 12	4	4	19	12	"	D	Dug well 22;fine sand 35;blue clay 75;coarse gravel 80. Water from 75 to 80.
Con I	" 50	A. Lavioe	"	Aug. 25	4	8	40	7	"	D	Topsoll 3;blue clay 45;fine blue sand 63. Water at 45.
Con I	" 51	C. Jones	"	Mar. 9	4	8	18	10	"	D	Dug well 21;blue clay 60;fine sand 78;coarse sand 82. Water at 78.
Con I	" 52	R.C. Church Toronto	F. Gerrits	June 2	4	45	60	20	"	P	Soil 4;brown sand 30;blue clay 128;fine sand 140;coarse sand 160. Water at 128.
Con I	" 55	C. Challoner	J.W. Renwick	July 28	2	6	20	20	"	D	Topsoll 1;brown clay 17;stones brown sand 70;brown sand 187. Water from 183 to 187.
Con I	" 56	Summit Motel	King City Well Drilling Co. Ltd.	Jan. 28	4	4	80	70	"	P	Topsoll 2;blue clay 75;fine sand 80. Water at 80.
Con I	" 56	"	"	Mar. 6	4	30	115	15	"	P	Topsoll 2;blue clay 94;fine sand 98;blue clay 300;coarse gravel 308. Water from 300 to 308.
Con II	" 5	J. Feder	M. Babuik	Sept. 12	30	2	24	24	"	D	Brown topsoll 16;grey clay 24;brown coarse sand 34. Water at 24.
Con II	" 6	W. Mowder	C.H.Rutledge	Jan. 25	4	10	70	50	"	D	Brown clay 35;blue clay 60;sand hard clay 85;sand gravel clay 92. Water at 85.
Con II	" 6	O.W. Lacey	Ont. Well Digging Co.	July 17	34	1	10	10	"	D	Clay fine sand 28. Water at 28.
Con II	" 6	J. Bernard	P. Spatuck	Nov. 15	4	3	145	110	"	D	Excavation 8;hard brown clay 22;gravel clay 43;hard blue clay 90;red sandy clay 156;fine grey sand 159. Water at 156.
Con II	" 6	K. Sharpe	Ont. Well Digging Co.	Nov. 30	30	1 1/2	10	10	"	D	Sandy blue clay 26. Water at 25.
Con II	" 6	E.Thayer	F. Constable	Dec. 9	4	8	102	65	"	D	Topsoll 1;brown clay 18;coarse sand clay 95;coarse sand 105. Water at 105.
Con II	" 19	Don Head Farms	C.E. Snider	Sept. 28	4	5	35	23	"	D,S	Topsoll 19;boulders 20;brown sand 28;grey coarse sand 42;fine grey sand 44;clay silt sand 50;fine sand 93;medium sand 102. Water from 50 to 102.
Con II	" 23	Dept. Lands & Forests	C. Goodberry Well Drilling Ltd.	Apr. 14	5		40	40	"	T 3-59	Clay boulders 30;fine brown sand 60;fine grey sand 95;soft grey clay 173;coarse black gravel 182;coarse gravel clay 184; fine coarse gravel 200;clay gravel 210;fine gravel clay 220; fine sand clay 240.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION <sup>1</sup>	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
YORK COUNTY - cont. Vaughan Twp. - cont. Con II	Dept of Lands & Forests	C. Goodberry Well Drilling Co.	Apr. 24	5			40		T 4-59	Clay 3; fine brown sand 70; coarse sand 80; grey sand clay 120; coarser sand clay 130; fine grey sand 140; sand gravel 142; clay gravel 160; coarse gravel 165; fine grey sand 170; fine grey sand 245
Con II	"	"	May 8	5					T 5-59	Fine brown sand 45; clay grey sand 70; grey clay 150; clay gravel 160; sand gravel 165; brown sand 185; silt grey clay 188.
Con II	"	"	June 24	5			27		T 2-59	Black loam 2; clay gravel 70; fine brown sand 100; fine sand and clay 200; coarse gravel 235; fine grey sand 240; clay 242.
Con II	"	"	Oct. 6	13	640	102	21½	Fresh	P	Sand 60; clay 170; hardpan 185; fine gravel 192; coarser gravel 220; fine gravel sand 230. Water from 200 to 230.
Con II	"	"	June 16	5			50		T 6-59	Fine brown sand 181; clay grey sand 145; clay grey gravel 152; brown sand 181; clay grey hardpan 230.
Con II	R.G. Herd	King City Well Drilling Co. Ltd.	Aug. 20	4	10	150	150	Fresh	D	Topsoil 1; sandy clay 30; fine sand 280; yellow clay 250; fine sand 280; fine sand 305.
Con III	D.K. Cogofski	"	July 20	2	4	82	50	"	D S	Dug well 20; blue clay 71; coarse sand 82. Water at 71.
Con III	E. Fardett	F. Harrison	Oct. 20	2	4	10	10	"	D	Brown clay 2; fine sand 17; coarse sand 22. Water from 17 to 22.
Con III	R.E. Smith	"	Nov. 2	2	4	10	10	"	D	Brown clay 12; fine sand clay 20; fine sand 27. Water from 20 to 27.
Con III	J. Lazak	"	Nov. 10	2	5	19	19	"	D	Brown clay 12; fine sand clay 20; fine sand 27. Water from 20 to 27.
Con III	Dr.B. Walker	King City Well Drilling Co. Ltd.	Oct. 28	4						Dug well 20; blue clay stone 105; blue clay 230; blue sand 232; blue clay stones 240. Dry hole.
Con III	Stead & Evans	"	July 2	4	22	40	20	Fresh	P	Topsoil 4; hard blue clay 100; coarse sand 108. Water at 100.
Con III	Connaught Laboratories Ltd.	International Water Supply Co. Ltd.	Sept. 2	5					T 1-59	Topsoil 1; sandy clay gravel 21; sandy clay streaks gravel 25; sandy clay gravel 43; sand clay 62; fine sand clay 162; hardpacked sand 185; silty sand clay 394; hard clay 424.
Con III	"	"	Sept. 9	5					T 2-59	Topsoil 1; sandy clay 26; clay gravel 31; fine sand clay gravel 56; sand boulders 57; fine silty sand clay 105; packed silty sand clay 200; cemented silty sand clay 207; hard sandy clay 302.
Con III	"	"	Sept. 16	5					T 3-59	Topsoil 1; sandy clay 6; sand gravel 13; sand clay gravel 71; sandy clay gravel 156; fine sand clay 177; fine silty sand clay 210; sandy clay 347.
Con III	J.D. Carrier Shoe Co.	"	Sept. 25	4	50	40	29	Fresh	P	Dirty silty sand boulders 52; sand gravel silt 72; blue clay 92. Water at 52.
Con III	"	"	Oct. 1	2			28½		T 2-59	Dirty silty sand boulders 50; sand gravel silt clay 72; blue clay 75.
Con III	"	"	Aug. 20	5					T	Dirty sandy clay 2; clay gravel 6; hard sandy clay boulders 16; brown clay gravel 43; silty sand 46; clay gravel 53; sand clay gravel 136; hard sand clay gravel 144; blue clay 191; blue clay sand 264; sand gravel 268; hardpan 272; sandy blue clay gravel 316; hard blue clay gravel boulders 330.
Con III	"	"	Aug. 31	2	12	50	43	Fresh	P	Dirty silty sand 14; sandy brown clay 33; sandy blue clay 257; sand gravel 275. Water at 257.
Con III	"	"	Sept. 11	5					T	Dirty silty sand 14; sandy brown clay 33; sandy blue clay 227; sand silt clay 257; silt sand gravel clay 280; blue clay 281.
Con III	"	"	Sept. 16	5					T	Dirty silty sand 12; sandy clay 31; blue clay 42; sandy clay 53; sand gravel silt 58; blue clay 69; sandy clay gravel 179; silty sandy clay 259; dirty sand gravel 262; blue clay 267; hard blue clay gravel boulders 279.

	J.D. Carrier	International Water Supply Ltd.	Aug..12	5				T	
Con IV	"	"	May 5					T	Tonsoil 1;sandy clay 19;hard clay 25;clay sand silt 130;clay gravel sand 158;silty clay gravel 227;silty clay boulders 240;hardpan 243;blue clay gravel 275;hard blue clay 287.
Con IV	Vaughan Twp.	"						T 1-59	Topsoil 1;sandy clay 7;fine silty sand clay boulders 13;silty sand clay fine gravel 15;clay fine gravel 22;quicksand 45; sand gravel 57;cemented sand gravel 60;sand hardpan streaks gravel clay 65;sand gravel clay streaks 70;clay sand gravel streaks 112;sandy clay gravel 152;hard packed clay sand gravel 160;cemented clay gravel 182. Water at 22.
Con IV	"	"	May 11	4	225	11	Flows	Fresh	Topsoil 1;grey clay gravel 30;silty soft clay 45;sand gravel clay 57;cemented sand clay gravel 60. Water at 45.
Con IV	"	"	June 3	2			"	"	Topsoil 1;grey clay gravel 25;soft silty clay 45;sand gravel clay 57;sand gravel boulders clay 59;sand gravel 66;hard clay gravel 82;sticky blue clay 115;hard grey clay 264. Water at 45.
Con IV	"	"	Aug. 14	5				T	Topsoil 1;sandy clay gravel 59;hard blue clay gravel 116;soft grey clay 192;hard grey clay 338.
Con IV	"	"	Aug. 20	2	15	109	100	"	Topsoil 1;soft brown clay 11;soft silty clay 26;sandy grey clay gravel 124;soft grey clay 204;hard packed silty sand clay 212;hard packed fine sand silt clay 221;hard packed fine gravel sand silt clay 242;cemented sand clay gravel 251. Water at 242.
Con IV	"	"	Sept. 25	5				T	Topsoil 1;sandy clay streaks gravel 47;sand clay gravel 70;hard sandy clay gravel 104;hard sticky clay 135;soft sticky clay 165;hard sticky clay 217;hard sandy clay gravel cemented streaks 240;hardpan 242;cemented clay gravel 253;hardpan 258;cemented clay gravel sand 303.
Con IV	"	"	Oct. 2	5				T 7-59	Topsoil 1;sand fine gravel 17;sand gravel clay 56;cemented clay sand 78;grey clay 205;hard sandy clay 217;cemented gravel clay 225;cemented clay sand gravel hardpan streaks 251
Con IV	"	"	Nov. 3	4	16	108	101	"	Topsoil 1;hard packed sandy clay gravel 57;cemented clay gravel 93;hard grey clay 167;soft grey clay 201;dirty sand clay gravel 210;fine sand gravel clay silt 232;cemented fine sand gravel clay 247. Water at 210.
Con IV	E. Pierheller King City Well Drilling Co. Ltd. P. Constable	P. Harrison King City Well Drilling Co. Ltd. P. Constable	Nov. 7 Jan. 2	2 4	15	47	35	Fresh	Dug well 20;streaks brown sand grey quicksand 66. Dry hole. Blue sand 138. Water from 116 to 138.
Con IV	C. Reeds	C.H. Rutledge Maple W. Hadwen Drilling Co. Ltd. P. Swanek	Mar. 1	4			100	"	Blue sand 138. Water from 116 to 138.
Con IV	Vaughan Twp	C.H. Rutledge	Apr. 15	22	350	80	8	"	Brown clay 25;blue clay 125;fine sand 130. Water from 125 to 130.
Con IV	"	"	Nov. 25	4	10	42	32	"	Brown clay boulders 25;blue clay 54;blue mndy sand 59; blue clay 82;sand silt clay gravel 96. Water at 82.
Con IV	"	"	May 21	4	6	85	85	"	Topsoil 2;blue clay 6;fine sand 56;blue clay 78;coarse sand 85. Water at 78.
Con V	"	"		4				"	Brown clay 14;gravel clay 129;blue clay 179;boulders clay 183;dirty gravel 200;dirty sand clay 223;hard grey clay 246; grey rock 254;hardpan streaks sand 311. Water from 200 to 223;and from 254 to 311.
Con V	Rainbow Dev.	C.E. Snider	Oct. 2	7				N	Topsoil 2;yellow sandy clay 12;sandy gravelly grey clay 60; clay 65;grey sandy clay 80;soft grey clay 125;hardpan 180; sandy gravelly clay 378;shales.
Con V	W. Swanek	P.Dennis Drilling Co.	June 30	7	14	210	130	Fresh	Bored well 80;blue clay 165;silt quicksand 177;coarse gravel 190;blue clay 210. Water from 177 to 190.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. Vaughan Twp. - Con V lot 5	Swanek Bros M.	F. Dennis Drilling	Aug. 4	7	14	22	14	Fresh	N	Topsoll 1; yellow clay 35; medium gravel 37; blue clay 160; dirty silt 215; white clay 232. Water at 35.
Con V " 5	Findlay Dairy Farm	C. E. Snider	Oct. 17	5	5	28	9	"	D, S	Dug topsoll 13; gravel 21; clay silt stone 22; clay silt gravel 52; medium sand 60; fine sand 64; silt clay stones. Water from 64.
Con V " 11	G. Avery	M. Babluk	Oct. 10	30	6	6	20	"	D	Bottom topsoll 12; grey clay pebbles 44; grey sand 46. Water at 46.
Con V " 19	B. Plunkett	F. Constable	June 26	4	3	68	38	"	D	Dug well 35; coarse sand 40; coarse gravel 45; blue clay 64; coarse sand 68. Water from 64 to 68.
Con V " 21	R. Julian	"	May 5	4	4	70	30	"	D	Topsoll 1; yellow clay 22; brown sand 26; blue clay 65; fine sand 70. Water from 65 to 70.
Con V " 21	L. Burbidge	King City Well Drilling Co. Ltd.	July 7	4	5	120	60	"	D	Topsoll 2; blue clay 70; fine blue sand 80; blue clay 158; coarse sand 185. Water at 158.
Con V " 24	G. Murray	"	Sept. 2	4	4	45	35	"	D, S	Dug well 28; fine sand 35; blue clay 74; fine sand 77; coarse sand 84. Water at 74.
Con VI " 4	R. Rowntree	M. Babluk	Dec. 16	30	4	4	20	"	D	Brown topsoll 20; coarse sand 23; blue clay 45. Water at 18 and 20.
Con VI " 5	Douglas Leasolds Ltd.	"	Apr. 8	30	2	2	15	"	C	Brown topsoll 12; grey clay pebbles 34; grey sand 36. Water at 36.
Con VI " 9	A. A. Merritt	R. Dick	Oct. 27	18			18	"	D	Sand 3; brown clay 12; grey blue clay 18; fine sand 24. Water at 18.
Con VI " 10	E. Mac Gimp	Babluk Well Boring	Sept. 16	30	480		15	"	S	Sandy brown clay 17; blue clay 33. Water at 17.
Con VI " 11	D. Bagg	F. Constable	May 2	4						Topsoll 1; brown clay 28; grey clay gravel 70; silt 75; blue clay 200. Dry hole.
Con VI " 15	J. Studny	J. L. Horan	Nov. 11	18	36		55	"	D	Clay sand 23; blue clay 38; gravel 62. Water at 20, 42 and 55.
Con VI " 21	A. Marten	F. Constable	May 7	4	6	68	48	"	In	Topsoll 1; yellow clay 50; coarse sand 70. Water at 70.
Con VI " 21	P. Ennamorato	"	June 15	4	4	77	42	"	"	Topsoll 1; yellow clay 12; blue clay 72; coarse sand 77. Water from 72 to 77.
Con VI " 21	"	"	July 1	4	3	90	50	"	D, In	Topsoll 1; stones gravel 20; blue clay 80; sand 100; coarse sand 118. Water at 100.
Con VI " 21	A. Bardignon	"	Aug. 14	6 1/2	5	95	45	"	S	Topsoll 1; yellow clay 35; clay sand 60; gravel 95. Water at 95.
Con VI " 29	Trans-Canada Pipe Lines Ltd.	International Water Supply Ltd.	May 28	5					T 1-59	Topsoll 1; brown clay small boulders 9; blue clay sand hard packed 18; sandy blue clay gravel 31; sandy blue clay 65; hard sandy blue clay 119; sandy blue clay hard packed 136; cemented sand gravel boulders 138; sandy blue clay fine gravel hard packed 158; sandy blue clay 230; blue clay 259; fine gravel hard packed sandy blue clay 377; sandy blue clay boulders 378; blue clay 435; sandy blue clay gravel 464; blue clay 493; sandy blue clay 495; sandy blue clay 510; gravel hard packed very hard bedrock.
Con VI " 29	"	"	June 3	2	12	48	33	"	T 2-59	Topsoll 1; brown clay 6; brown sandy clay boulders 15; sandy blue clay hard packed 41; brown dirty sand blue clay 65; sandy blue clay hard packed 72; sandy blue clay 104; sandy blue clay hard packed 135; sandy blue clay gravel 136; sandy blue clay hard packed 143; fine sand fine gravel 136; streaks 153; sandy blue clay fine gravel 177; cemented sand gravel 178; sandy blue clay gravel streaks hard packed 180. Water at 143.

Trans-Canada Pipe Lines Ltd.	International Water Supply Ltd.	June 8	5	5	31	30	Fresh	T	
Con VI	"	June 14	5					3-59	Topsoil 1; brown sandy clay 19; hard packed sandy clay 36; silty sand fine gravel 101; blue hard clay sandy blue clay hard packed 142; sandy blue clay boulders 143; sandy blue clay 145; fine sand silt fine gravel 151; clay streaked fine sand silty clay fine gravel 178; fine sandy clay hard packed 220. Water at 145.
Con VI	"	June 14	5					4-59	Topsoil 1; brown sandy clay 15; blue hard clay 41; dirty brown sand blue clay 65; sandy hard packed blue clay 77; sandy blue gravel 103; sandy hard packed blue clay 132; sandy blue clay gravel 133; sandy blue hard packed clay 143; sandy blue clay fine gravel 154; sandy blue clay fine gravel 180; sandy hard packed blue clay 185. Water at 145.
Con VI	"	June 18	2	5	31	30		5-59	Topsoil 1; brown sandy clay 22; blue sandy clay 37; blue sandy clay boulders 39; dirty brown sand fine gravel 72; sandy blue clay fine gravel 82; fine sand clay fine gravel 95; sandy blue clay hard packed 129; sandy blue clay fine gravel 142; fine sand silt fine gravel 162; blue clay 172. Water at 145.
Con VI	"	June 25	2	15	39	30	"	6-59	Topsoil 1; brown sandy clay 17; sandy blue clay fine gravel 40; dirty brown sand fine gravel 70; sandy blue clay fine gravel 80; fine sand clay fine gravel 95; sandy blue clay hard packed 131 sandy blue clay boulders 132; blue clay 143; sandy blue clay fine gravel 150; fine sand silt fine gravel boulders 161; blue clay 172. Water at 143.
Con VI	C.H. Rutledge	Oct. 27	8	25	47	32	"	In	Topsoil 1; brown clay 17; blue clay 43; gravel 46; sand clay 100; blue clay 143; sand clay gravel 150; sand gravel 163. Water at 150.
Con VI	"	Oct. 27	8	25	46	32	"	In	Topsoil 1; brown clay 48; dirty brown sand 76; blue clay sand 82; blue clay stones 135; boulders 138; sand clay gravel 150; sand gravel 162. Water at 150.
Con VI	P. Constable	June 11	4	2	260	240	"	S	Topsoil 1; yellow clay 16; fine sand 17; blue clay 55; fine sand 70; blue clay 160; blue clay sand 235; silt 255; fine sand 260. Water from 255 to 260.
Con VII	J. Agnew	Nov. 20	3½	6	90	85	"	D	Sand brown clay 10; blue clay 94; sand gravel clay 105; gravel 120. Water at 94 and 120.
Con VII	J.W. Renwick	June 29	4	10	101	88	"	D	Brown clay stones 12; blue clay stones 94; medium gravel 119. Water from 115 to 119.
Con VII	C.E. Snider	July 3	4	10	95	89	"	D	Topsoil 1; red clay 24; clay sand 50; gravel 54; silt sand 78; clay sand 90; gravel sand 119; clay. Water from 115 to 119.
Con VII	J.W. Renwick	July 23	4	10	102	100	"	D	Brown clay 5; blue clay 90; coarse sand 120. Water from 116 to 120.
Con VII	"	Sept. 29	4	10	89	66	"	D	Brown clay stones 20; blue clay stones 92; fine gravel 125. Water at 120.
Con VII	J.L. Horan	Nov. 17	18	10	5	5	"	T	Sand 5; rock gravel 12. Water at 6.
Con VII	W. & A. Smith	Apr. 24	5				"	1-59	Topsoil 1; fine sand clay 7; sand gravel 9; soft clay 14; soft clay sand gravel shale 66; cemented clay sand shale 76; shale 80.
Con VII	"	May 19	4	135	12	10½	"	T	Topsoil 1; sandy clay 3; hard sandy clay gravel 19; dirty gravel 26; coarse sand gravel small boulders dirty streaks gravel 40; coarse sand gravel small boulders 70; hard packed gravel clay 76. Water at 19.
Con VII	C.E. Snider	Sept. 2	7				"	D	Topsoil 1; boulders clay 15; boulders 21; blue clay 52; clay gravel 60; silt sand 67; sand 69; clay gravel 73; silt boulders 76; blue clay 82; blue clay gravel 93; shale 200.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. Vaughan Twp. - cont. Con VII	N. Garrlock	C.E. Snider	Apr. 22	4	2½	88	72	Fresh	D	Topsoil 1; yellow clay 16; blue clay 25; boulder clay 65; silt sand clay 75; blue clay 95; sand gravel 99; hard clay 100. Water from 95 to 99.
Con VII	H. Steele	J.L. Horan	Apr. 20	18			14	"	D	Hard brown clay 12; blue clay 28; blue sandy silt 35. Water at 30.
Con VII	G. Bennett	P. Constable	July 20	4	1½	260	200	"	D	Topsoil 1; brown sand 90; blue clay 240; coarse sand 260. Water at 250.
Con VIII	G. Troyer	C.E. Snider	Nov. 25	4	3	93	50	Salty	D	Topsoil clay 16; blue clay 38; gravelly clay 45; gravel 47; clay 50; gravel 53; gravelly clay 61; shale 93. Water at 92.
Con VIII	Weall & O'Brien Nurseries Ltd.	"	Apr. 16	4	½	90	45	Fresh	In	Topsoil 1; yellow clay 12; boulder clay 35; boulder 36; blue clay 65; boulder clay 82; blue shale 30. Water at 85.
Con VIII	E. Simpson	B. Huffman & Sons	May 15	4	10	130	130	"	D	Topsoil clay 20; blue clay 90; silt 189; coarse gravel 190. Water at 189.
Con VIII	Vaughan Twp.	International Water Supply Ltd.	July 11	5					T	Topsoil 1; dirty sand boulders 11; hard grey clay 22; sand fine gravel 24; clay gravel 40; silty sticky clay 81; hard clay 99; shale 109.
Con VIII	"	"	July 16	5					T	Topsoil 1; sand clay boulders 7; sandy clay boulder 16; sand gravel clay 27; clay sand gravel 78; clay 95; sand gravel clay 96; shale 100.
Con VIII	"	"	July 20	5					T	Topsoil 1; sand 6; boulders sand 7; sand gravel clay 12; grey clay 18; clay gravel 94; shale 95.
Con VIII	"	"	July 24	2	12	34	34	Fresh	3-59	Topsoil 1; hard clay 7; packed sand fine gravel 17; soft grey clay 48; silty sand fine gravel clay 55; sand gravel 66; cemented sand gravel 68; sand gravel 70; shale 71.
Con IX	H. Fleidhouse	M. Babluk	Dec. 11	30	½		28	"	D	Brown topsoil 12; grey clay pebbles 61; coarse sand 63. Water at 63.
Con IX	G. McGillivray	R. Dick	Aug. 18 Sept. 15	18 18						Fine sand 3; brown clay 18; blue clay 70. Dry hole.
Con IX	Kleinburg Golf Club	King City Well Drilling Co. Ltd.	Sept. 24 Oct. 23	4 6½	15 50	125 130	100 90	Fresh "	P P	Fine red sand 8; brown clay 18; blue clay 35; coarse gravel 41. Dry hole.
Con IX	Circle M. Ranch	S. McCauley	Mar. 31	7	10	160	48	Salt	N	Topsoil 1; fine sand 20; blue clay 50; gravel 55; blue clay 120; blue sand 140. Water at 120.
Con X	Huntington Golf Course	Babuk Well Boring	Aug. 27				40	Fresh	P	Topsoil 1; yellow sand clay 123; fine sand 132; blue sand 143. Water at 123.
Con X	"	"	Aug. 26	30	3		63	"	P	Topsoil 2; yellow clay 36; blue clay 248; blue shale 300. Water at 275.
Con X	"	"	Aug. 29	30	5		30	Fresh	D, S	Brown clay 10; blue sand 16; blue clay 76; gravel 78. Water at 75.
Con X	X. Fry	M. Babluk	Aug. 29	30	5		30	Fresh	D, S	Brown clay 7; blue clay 65; fine sand 68; blue clay 83; coarse gravel 84; blue clay 90. Water at 83.
Con X	W. Watson	R. Dick	June 28	18	15		16	"	C	Brown clay 7; blue clay 65; fine sand 68; blue clay 73. Dry hole.
Con X	C.K. Johnson	"	Sept. 25	24	5		39	"	S	Brown clay 15; grey clay stones 55. Water at 55.
Con X	W. Agar	"	Nov. 20	18			45	Fresh	D	Brown clay 16; blue clay 30; quicksand 35. Water at 16 and from 30 to 35.
Con X	L. Buckle	Babuk Well Boring	June 16	30			10	"	D	Brown clay 12; blue grey clay 40; fine sand quicksand 45. Water at 40.
Con X	C. Sant	"	May 9	22			10	"	D	Fine sand 2; grey brown clay 64; fine sand 74. Dry hole.
										Brown clay 30; brown sandy clay 41; muskeg 51. Water at 50.
										Brown sand 36. Water at 20.



YORK COUNTY - cont.  
Whitchurch Twp.

lot	61	E. Race	R.B. Renwick	May 25	2	5	113	Fresh	D	
Con I	"	L. Statham	P. Gerrits	Mar. 15	4	15	123	"	D	Fine brown sand 165;fine grey sand 173. Water from 165 to 173.
Con I	"	A. Kramer	F.E.Johnston Drilling Co. Ltd.	Dec. 29	4	5	131	"	D	Topsoil 3;brown sand gravel streaks 25;blue clay 100;sand 145. Water at 100.
Con I	"	G. Piaskey	P. Gerrits	May 24	4	8	139	"	D	Brown clay 12;blue clay stones sand 96;blue clay sand 145;
Con I	"	A. Douglas	F. Ince	June 12	5	6	197	"	D	Dug well 27;brown sand clay 69;blue clay 112;medium sand 139. Water at 112.
Con I	"	G. Gunten	F. Gerrits	Apr. 2	4	12	60	3	C	Full 8;grey clay 200;quicksand 258;fine sand 272. Water from 258 to 272.
Con I	"	R. Leonard	King City Well Drilling Co. Ltd.	Aug. 9	4	2	112	"	D	Topsoil 3;sand clay 30;blue clay 100;coarse sand 112. Water at 100.
Con I	"	G. Paul	Ontario Well Digging Co.	Apr. 18	30			"	D	Topsoil 2;fine sand 20;blue clay 80;blue clay gravel 112; fine gravel 115. Water at 112.
Con I	"	"	D.S. Loughhead	June 25	4	10	240	210	N	Sand 85. Dry hole.
Con I	"	C. Van Dyk	F. Gerrits	Sept. 8	4	15	140	150	"	Dug well 80;sand 120;silt 380;silt streak 480;grey clay. Water at 280.
Con I	"	P. Heuvelman	"	Sept. 17	4	15	118	108	"	Brown clay sand 140;fine sand 160;coarse sand 170. Water at 140.
Con I	"	R. Strootman	"	Sept. 27	4	15	118	108	"	Brown clay sand 100; blue clay 128;fine sand 140;coarse sand 152. Water at 128.
Con I	"	Ont.Hospital	C.Goodberry Well Drilling Ltd.	Nov. 9	13	176	38	12½	"	Brown clay sand 100;blue clay 128; fine sand 140;coarse sand 152. Water at 128.
Con II	"	Y. Oullverwel	P. Gerrits	Apr. 17	4	15	100	80	P	Full 3;sand clay gravel 24;fine brown sand 45;sand 56;sand gravel 72. Water from 60 to 72.
Con II	"	Wilcox Golf & Country Club	King City Well Drilling Co. Ltd.	May 11	4	12	131	131	"	Topsoil 3;sand clay 60;blue clay 100;silty sand 130;hard blue clay 160;quicksand 170;sand 180. Water at 160.
Con II	"	M. Asch	P. Gerrits	July 13	4	7	150	70	"	Dug well 42;blue clay 65;fine sand 131;coarse sand 171. Water from 165 to 171.
Con II	"	R. Newton	"	May 11	4	12	70	40	"	Topsoil 4;sand clay 20;coarse sand 32;blue clay 130;medium sand 154. Water at 130.
Con II	"	M.W.McOchoen	"	Oct. 10	4	12	90	40	"	Topsoil 4;clay sand 40;medium sand 82. Water at 40.
Con II	"	G. Duckworth	Ontario Well Digging Co.	Aug. 24	30	2½		0	"	Topsoil 4;sand 40;hard clay 60;soft blue clay 118;gravel streaks 120. Water at 118.
Con II	"	J.B. McLeod	W.F. Gartshore	Apr. 21	4	10	50	30	"	Hard blue clay Gravel 30. Water at 30.
Con II	"	J. Smith	Ontario Well Digging Co.	May 25	30	3	15		"	Hard grey clay 20;soft clay 63;hard stony clay 74;gravel 78. Water at 74.
Con II	"	C. Allen	D. Loughhead	Apr. 20	30	2	15	5	"	Sandy blue clay 35. Water at 15.
Con II	"	K. Skinner	D. Loughhead	July 10	4	3	58	0	In	Blue clay 20. Water at 20.
Con II	"	B. Bennett	Ontario Well Digging Co.	July 20	34	1		7	D	Dug well 14;grey clay boulders 58;gravel sand 62. Water from 58 to 62.
Con III	"	S. Farb	Wilson's Well Digging Co.	Nov. 23	30	3		7	"	Blue sandy clay 22. Water at 22.
Con III	"	H. Doner	Ontario Well Digging Co.	Dec. 18	30	2		10	"	Yellow clay 4;gravel sand 15. Water at 9.
Con III	"	M. Whitte	P. Gerrits	Sept. 2	4	6	200	80	"	Rocks blue clay 4;fine gravel sand 42. Water at 40.
Con III	"	G.A. Krawter	King City Well Drilling Co. Ltd.	Jan. 30	4	10	200	100	"	Brown sand clay 100;blue clay 150;sand gravel 170;boulders 190;clay sand 216;coarse sand 220. Water at 216.

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# APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1959

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY - cont. Whitchurch Twp. lot 12 Con III	L. Hennessey	W.F. Gartshore	July 4	2	8		18	Fresh	S	Clay small stones 3; clay sand streaks 32; gravel 36. Water at 32.
Con III	" 15 K. Nesbitt	Ontario Well Digging Co. Ltd.	June 16	30			10	"	P	Blue clay 12; sandy clay 30. Water at 12.
Con III	" 20 D. Polamer	"	May 20	30			5	"	P	Clay gravel 20. Water at 5.
Con III	" 26 Toronto & York Beas Comm	F.R. Roadway & Son	Dec. 31	4	12	100	90	"	P	Brown clay 43; blue clay 55; silt 85; hardpan 105; silt 107; gravelly clay 134; coarse sand and gravel 148. Water at 148.
Con III	" 30 Pleasantville Services Station	D. Loughheed	July 10	4	10	40	13	"	C	Topsoil 1; grey clay 3; packed sand clay 8; sand fine gravel 82. Water from 81 to 85.
Con III	" 30 G. Mason	Ontario Well Digging Co. Ltd	July 22	30	2		20	"	D	Sand clay 40. Water at 30.
Con IV	" 11 G. Grills	F. Gerrits	Nov. 14	4	12	150	60	"	D	Topsoil 4; brown sand clay 40; blue clay 62; quicksand 100; blue clay 200; coarse sand 206. Water at 200.
Con IV	" 12 H. Hunt	W.F. Gartshore	July 30	2	6 1/2		80	"	D	Clay signes 14; gravelly clay 75; hard grey clay 130; sand clay 141; sand 147. Water at 141.
Con IV	" 17 B. Brown	"	June 3	4	8	60	20	"	D	Topsoil 1; soft grey clay 60; hard clay 63. Water at 63.
Con IV	" 24 B. Cochrane	F. Gerrits	Jan. 20	4	15	50	50	"	D,S	Topsoil 3; quicksand clay 24; coarse sand 230. Water at 250.
Con IV	" 25 E. Mullins	D. Loughheed	Dec. 17	4	9	120	78	"	D	Topsoil 1; grey clay boulders 110; clay streaks silt 150; medium sand 156. Water at 156.
Con IV	" 30 K. Ponting	Ontario Well Digging Co. Ltd.	Jan. 22	36	2		20	"	D	Clay sandy clay 40. Water at 30.
Con IV	" 30 W. Johnston	W.F. Gartshore	Oct. 12	30	3	50	20	"	D	Blue clay 25; sandy clay 35. Water at 25.
Con IV	" 33 V. Sheridan	"	Feb. 26	4			35	"	D,S	Hard clay 70; sand gravel clay 123; sand gravel 128. Water at 123.
Con V	" 1 H. Ciendenring	F.R. Roadway & Son	July 27	5	4				D	Dug well 24; hardpan boulders 90. Dry hole.
Con V	" 5 A. Holmes	L. Loughheed	May 26	4	2	24	14		D	Topsoil 1; grey clay 60; coarse sand 70. Water from 60 to 70.
Con V	" 20 A. Ball	T. G. White	Oct. 2	2	15	102	98	"	P	Fine sand 10; grey clay 24; fine sand 34. Water at 24.
Con VI	" 10 School	F. Gerrits	Feb. 12	5	6	65	59	"	D	Topsoil 5; sand 138. Water at 98.
Con VI	" 21 J. Dobie	F.R. Roadway & Son	June 29	5	9	58	50	"	D	Sand 23; gravel 35; sand 59; fine sand 77; coarse sand 83. Water at 83.
Con VI	" 21 T. Buckley	"	July 1	5				"	D	Sand 50; coarse red sand 73. Water at 73.
Con VI	" 32 Cedar Valley Turkey Farm	"	Feb. 9	5 1/2				"	D	Sand 18; silty clay 40; quicksand 120. Dry hole.
Con VI	" 34 G. Mason	Ontario Well Digging Co. Ltd.	July 15	30	1 1/2		6	Fresh	D	Fine sand 11. Water at 8.
Con VI	" 34 C.M. King	F.R. Roadway & Son	Aug. 24	5 1/2	10	50	44	"	D	Sandy clay 50; fine sand 55; coarse sand 66. Water at 66.
Con VI	" 35 Shrubmount School	W.F. Gartshore	May 2	2	8	54	30	"	P	Sandy clay 6; clay sand streaks 54; gravel 58. Water at 54.
Con VII	" 4 G. McKay	F.R. Roadway & Son	Oct. 29	5	1 1/2	20	Flows	"	D,S	Old dug well 23; blue clay 70; fine gravel 71. Water at 71.
Con VII	" 6 R.G. Fairbanks	C.E. Snider	Nov. 11	4	20	75		"	D	Topsoil 1; yellow clay stone 9; blue clay silt 20; blue clay 35; hardpan 38; boulders hardpan 42; hardpan 45; gravelly hardpan 50; clay gravel sand 82; clay 84; sand gravel 89; fine sand 94; silt. Water from 84 to 94.
Con VII	" 18 A. Thomas	Ontario Well Digging Co. Ltd.	July 6	30			28	"	D	Sand 40. Water at 30.
Con VII	" 21 T. Wyatt	F. Gerrits	May 6	4	15	80	40	"	D	Topsoil 3; sand 40; blue clay 180; fine sand 195; coarse sand 200; Water at 180.
Con VII	" 21 C.E. Doran	F.R. Roadway & Son	Aug. 19	5	3	46	30	"	D	Dug well 30; sandy clay 38; fine sand 47. Water at 47.
Con VII	" 29 C.T. Spindloe	G. Fockler	June 20	2	3	93	87	"	D	Fine sand 90; coarse sand 94. Water at 87.
Con VII	" 30 F.D. Plummer	"	July 6	2	1 1/2	46	39	"	D	Sand 10; red clay sand 30; fine sand coarse sand 46. Water at 39.
Con VII	" 30 F. Hill	Ontario Well Digging Co.	Oct. 14	30	4 1/2		40	"	D	Fine sand 60. Water at 50.

Whitchurch Twp - cont.	R. Lundy	Ontario Well Digging Co.	Feb. 20	30	2	25	15	Fresh	D	Coarse sand 35. Water at 30.
Con VII	"	"	Apr. 24	30			25	"	D	Sandy clay 32. Water at 25.
Con VII	"	"	Apr. 25	30			32	"	D	Sandy clay 42. Water at 32.
Con VII	"	"	Apr. 27	30			28	"	D	Sandy clay 35. Water at 28.
Con VII	J.D. Roberts	A. Thomas	Aug. 26	4	3	80	48	"	D	Red sand 3; grey sand 38; sandy clay 65; fine sand clay 80.
Con VII	"	"							D	Water from 85 to 80.
Con VII	T. White	T. White	Jul. 10,	2	12		35	"	D	Brown clay 15; stones clay 35; coarse sand 45. Water from 40 to 45.
Con VIII	A. Teteliff	F.R. Roadway & Son	Sep. 19,	5½	9	58	53	"	D, S	Brown surface clay 17; gravel 32; sand 53; coarse sand 73. Water at 73.
Con VIII	M. Mills	T. White	May 28	2	5		40	"	D	Clay stones 35; sand clay 40; sand 48. Water at 40.
Con VIII	J. Virgin	"	May 28	2	5		75	"	D	Clay 15; sand 25; clay 78; sand 85. Water at 78.
Con VIII	A. Goodwin	"	Jun. 30	2	4	38	38	"	D	Sand 50. Water at 38.
Con VIII	E. Stinson	"	Jul. 14	2	5	30	40	"	D	Grey sand 48. Water at 40.
Con VIII	G. Cair	G. Fockler	Aug. 6	2	2½	65	63	"	D	Fine sand 64; coarse sand 72. Water from 64 to 72.
Con VIII	M. Davis	Ontario Well Digging Co.	May 11	30	1		6	"	D	Sand 6; quicksand 16. Water at 6 and 10.
Con VIII	A. McEman	F.R. Roadway & Son	May 13	7	22½	47	30	"	Ir	Sand gravel 30; coarse red sand 58. Water at 58.
Con VIII	S. Legeer	"	May 16	5	5	68	45	"	D	Sand gravel 25; sandy clay 45; fine red sand 75. Water at 75.
Con VIII	D. Miller	"	Sep. 12	5	3	65	30	"	D	Sandy loam 20; fine sand 40; fine coarse sand 77. Water at 77.
Con IX	E. Sheppard	T. White	Oct. 13	2	5	65	65	"	D	Dug well 50; fine sand 80. Water at 65.
Con IX	I. McLaughlin	F.R. Roadway & Son	Jul. 14	5	9	55	48	"	D, S	Hard clay stone 30; yellow clay 60; gravelly clay 66. Water at 66.
Con IX	Union Sand & Gravel	D.S. Loughheed	Dec. 30	7	40	75	59	"	In	Topsoil 1; clay silt 12; hard clay 26; boulders sand gravel 59; medium sand 123. Water from 59 to 123.
Con IX	S. Gardiner	T. White	Jul. 2	2	5	68	68	"	D	Grey clay 30; blue clay stones 50; medium gravel 60; coarse sand 75. Water at 68.
Con IX	H. Dover	J. Bingham	Aug. 15	2	3		76	"	D	Brown sand 22; brown clay 40; coarse sand 80. Water from 76 to 80.
Con IX	J. Johnston	J.W. Renwick	Apr. 30	2	6		58	"	D	Sand clay 20; hard packed gravel 66; coarse sand 78. Water from 76 to 78.
Con IX	R.J. McMahn	T. White	May 7	2	10		38	"	D	Brown sand 15; brown clay stones 40; coarse sand 46. Water from 40 to 46.
Con IX	A. Williams	J.W. Renwick	May 9	2	6		60	"	D	Sand stones 40; hard packed gravel 70; coarse sand 80. Water from 76 to 80.
Con IX	A. Elson	G. Fockler	Aug. 21	2	2	52	48	"	D	Fine sand 20; blue clay stone 60; coarse gravel 64. Water at 60.
Con IX	J. Bourbonniere	F.R. Roadway & Son	Jun. 22	5	6	50	49	"	D	Sand 49; coarse red sand 69. Water at 69.
Con IX	D. Wagg	T. White	Dec. 21	2	5		100	"	D	Fine sand 40; blue clay 80; fine sand clay 100; coarse sand 110. Water at 100.
Con X	B. Christie	F.R. Roadway & Son	Jun. 20	5	3	65	45	"	D	Old dug well 20; gravelly red clay 45; blue clay small stone 58; fine black sand 70. Water at 70.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.



Location

The following abbreviations are used to designate concessions and locations of wells:

	Address Block	Div.	Division
A.B.	Addington Road Range West	D.L.	Desbarats Location
A.R.R.W.	Aux Sable	D.R.N.	Durham Road North
A.S.	Brant's Block	D.R.S.	Durham Road South
B.B.	Beasley's Broken Front	D.S.S.	Dundas Street South
B.B.P.	Bayfield Concession	D.T.	Dochtstader Tract
B.C.	Block Concession	E.	East
B.C.	Broken Front	E.B.	Eastern Boundary
B.I.	Big Island	E.D.	Eastern Division
B.L.B.	Beasley's Lower Block	E.E.	East End
B.L.N.	Base Line North	E.P.B.	East Front B
B.L.S.	Base Line South	E.G.	East Gore
B.N.S.	Beasley's New Survey	E.L.S.S.	East Lake South Side
B.O.S.	Beasley's Old Survey	E.R.	Cape Croker Indian Reserve
	Bury Road East	E.R.	Etobicoke Tp.
B.R.E.	Baldoon Road East	E.R.	Oneida Tp.
	Belle River East	E.R.N.	(Adelaide Tp.
B.R.E.	Bury Road West	E.R.N.	(Warwick Tp.
	Baldoon Road West	E.R.N.	Wilmot Tp.
B.R.W.	Belle River West	E.R.N.	Yarmouth Tp.
B.R.W.	Bechtel's Tract	E.R.S.	Southwold Tp.
B.T.	Beasley's Upper Block	E.S.	Wellesly Tp.
B.U.B.	Clergy Block	E.T.	
C.B.	Canborough Front	P.C.	Front Concession
C.C.	Caldwell Grant	P.C.T.	Fish Carrier Tract
C.I.	Cedar Island	P.K.T.	Formerly Kingston Township
C.I.	Credit Indian Reserve	P.R.	Front Range
C.P.L.	Carrying Place Lots	P.T.	Prudenburg Tract
C.P.M.W.	Carrying Place Northwest	G.C.T.	German Company Tract
C.R.E.	Communication Road East	G.I.	Gates Island
C.R.E.	Cataragui River East	G.I.F.	Grand Island Front
C.R.E.	Chenung Road East	G.P.S.W.	Green Point Southwest
C.R.W.	Communication Road West	G.P.W.	Green Point West
C.R.W.	Cataragui River West	G.R.E.	Garafraxa Road East
C.R.W.	Chemund Road West	G.R.E.	Grand River East
C.T.	Centre Road West	G.R.E.	Grand River East Subdivision
C.T.	Clench Tract	G.R.E.S.	Grand River Front
C.T.	Clement Tract	G.R.F.	Gull River Range
C.T.	Crook's Tract	G.R.R.	
	Albemarle Tp.		
	Eastnor Tp.		
	Lindsay Tp.		
	(St.Edmunds Tp.		
	Dover Tp.		
	Rochester Tp.		
	Albemarle Tp.		
	(Eastnor Tp.		
	(St.Edmunds Tp.		
	Dover Tp.		
	Waldstone Tp.		
	Harwich Tp.		
	Pittsburgh Tp.		
	Smith Tp.		
	Harwich Tp.		
	Kingston Tp.		
	Smith Tp.		
	West Williams Tp.		
	Brantford Tp.		
	Canborough Tp.		
	Woolwich Tp.		

G.K.W.	Normanby Tp.	Garairaxa Road West	M.T.	Brantford Tp.	Mair Tract
G.R.W.	Pilkington Tp.	Grand River West	M.T.	Hallowell Tp.	Military Tract
G.R.W.S.		Grand River West Subdivision	N.B.		North Boundary
H.B.E.		Hallowell Bay East	N.C.		Neebish Concession
H.I.		Hill Island	N.D.		Northern Division
H.L.		Hink's Location	N.E.B.		Northeast Boundary
H.R.E.		Hastings Road East	N.E.R.		Northeast Range
H.R.P.		Huron Road Front	N.F.L.C.S.		Niagara Fruit & Land Co. Survey
H.R.S.		Hamilton Road South	N.R.	Pittsburgh Tp.	Naval Reserve
H.R.W.		Hastings Road West	N.R.	Tyendinaga Tp	North of Road
H.S.E.		Huronario Street East	N.R.P.		Niagara River Front
H.S.W.		Huronario Street West	N.S.	King Tp.	New Survey
H.T.		Haldimand Tract	N.S.	Southwold Tp.	North Side
I.S.		Indian Strip	N.T.		Nelles Tract
J.R.		Jones Range	N.T.P.		North of Town Plot
J.W.T.		James Wilson Tract	N.T.R.		North Talbot Road
K.R.N.		Kaministiquia River North	N.W.B.R.		Northwest Bay Range
K.T.		Kerr Tract	O.F.		Ottawa Front
L.E.P.		Lake Erie Front	O.R.N.		Opeongo Road North
L.F.		Lake Front	O.S.		Old Survey
L.H.P.		Lake Huron Front	O.S.R.E.		Owen Sound Road East
L.I.		Long Island	O.S.R.W.		Owen Sound Road West
L.O.P.		Lake Ontario front	P.C.		Petite Cote
L.R.	Bruce Tp.	Lake Range	P.E.B. (A)		Prince Edward Bay (Around)
L.R.	Huron Tp.		P.R.		Plank Road
L.R.	Saugeen Tp.		P.R.E.	Oro Tp, Seneca Tp.	Penetanguishene Road East
L.R.	Hay Tp.	Lake Road	P.R.E.		Plank Road East
L.R.	Stephen Tp.		P.R.S.		Portage Road South
L.R.E.	Bosanquet Tp.	Lake Road East	P.R.W.	Seneca Tp.	Plank Road West
L.R.E.	Colborne Tp.	Lakeshore Road East	P.R.W.	Tiny Tp.	Penetanguishene Road West
L.R.N.		Longwoods Road North	P.T.		Phelps Tract
L.R.S.		Longwoods Road South	R.A.		Range A.
L.R.W.	Bosanquet Tp.	Lake Road West	R.B.		Range B.
L.R.W.	Stanley Tp.		R.F.		Rideau Front
L.R.W.	Colborne Tp.	Lakeshore Road West	R.P.		Registered Plan
L.T.		Lovejoy Tract	R.R.		River Range
M.C.		Maitland Concession	R.R.N.	Charlottenburgh Tp	Raisin River North
M.L.E.		Muskat Lake East	R.R.N.	Dunn Tp.	Rainham Road North
M.M.E.		Mowhawk Mission East	R.R.S.	Charlottenburgh Tp	Raisin River South
M.P.R.E.		Mount Pleasant Road East	R.R.S.	Dunn Tp.	Rainham Road South
M.P.R.W.		Mount Pleasant Road West	R.T.		Racey Tract
M.R.		Military Reserve	S.B.		South Boundary
M.R.N.	Colchester Tp.	Malden Road North	S.B.P.		South Bay Front
M.R.N.	Maldstone Tp.		S.B.N.		Smith Bay North
M.R.N.	Rochester Tp.	Middle Road North	S.C.R.N.W.		Stoney Creek Road Northwest
M.R.S.	Gilbury East Tp.	Malden Road South	S.C.R.S.		Stoney Creek Road South
M.R.S.	Colchester North Tp.		S.D.		Southern Division
M.R.S.	Maldstone Tp.	Middle Road South	S.I.	Elizabethtown Tp	Stovin Island











